COMPUTER ENTHUSIAST CATALOG

E. ARTHUR BROWN Company

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Products for Atari ST, Timex-Sinclair, IBM PC Compatible, and Other Computers

Address Orders & Correspondence To: E. Arthur Brown Co., 3404 Pawnee Dr., Alexandria, MN 56308 • 612/762-8847, 763-6393

E. Arthur Brown Company
3404 Pawnee Drive, Alexandria, MN 56308

BULK RATE
U.S. POSTAGE
PAID
PERMIT No. 75

Michtron 40% Off Sale

Take 40% Off Top Quality Michtron Software

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Low Cost PC Scanner

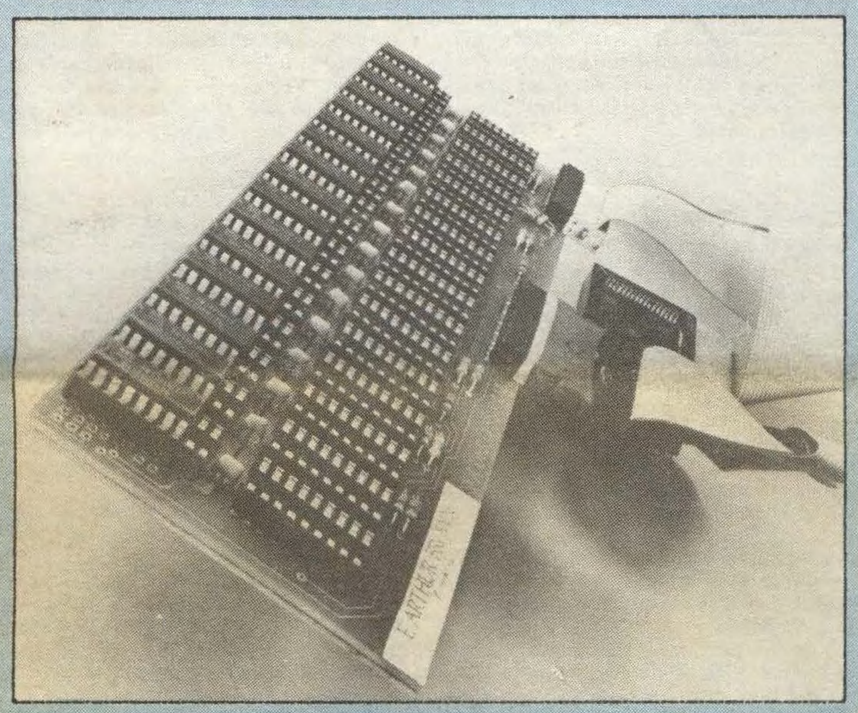
Printer Mounted, Easy Use...Less Than $150

-See Page 6

ST Solderless™ RAM

Upgradeable From 1-4 Megabytes

-See Page 7



I personally installed the first production model of our 1-4 Megabyte Solderless™ RAM for the Atari 520ST and it went perfectly. The installation is a breeze! (All you do is plug it in). Once installed, you just turn your ST on and it automatically sets itself for the increased memory! Just take a look the features of this excellent memory upgrade!

No tricky soldering, jumper cutting*, chip piggy backing, or complicated wiring is necessary. Just open the 520ST case, remove the MMU chip, plug in the Solderless™RAM connectors, replace the MMU chip, and reassemble the 520ST case. That's all there is to it. It only takes about 10-15 minutes! Do it yourself, have your dealer do it, or we'll do it for you ($30 installation charge).

Can you translate paper images into your computer for less than $150? Yes! Our new PC-PictaScan™ is a revolutionary image digitizer that works with the IBM PC/XT/AT (and compatibles) and your printer. Attach the PC PictaScan™ to your printer head and plug it into your serial port. Then roll a photograph, line drawing, halftone, logo, graph, newspaper clipping... or any other image through the platten. PC PictaScan™ will automatically drive the paperfeed and printhead to scan and digitize the image. Contrast and gray scale synthesis are adjustable to maximize the image quality. You can even set PC PictaScan™ to magnify your scanned image from 1-9 times normal!

PC PictaScan™ was designed for us by that wizard at Minny Electronics, Orrin McGill. His concept costs less than $150 yet gives image capturing results of scanners costing $2,000-$40,000!

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Diablo* Daisy...$199.95

Fully *Diablo Compatible Daisy Printer

-See Page 11

Has a $500-$1,000 price tag kept you from buying the Daisy Wheel Printer of your dreams? Well, *dream no more!* We made a "special purchase" and now you can have a genuine Diablo 630 compatible Daisy Wheel Printer for less

EAB Garage Sale

Demos, Discontinues, etc...Great Prices

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Epyx 500XJ Joysticks...$15

-See Page 10

Blue Thunder Simltr.

Helicopter Flight Simulation for TS2068

-See Page 5

Believe it or not, there really is an attack helicopter like the "Blue Thunder" of movie fame. It's called the AH-64A Apache and it's got to be the most awesome fighting helicopter ever built. You can learn to fly the Apache with our new 2068 TOMAHAWK flight simulator. You can even use two

Memotech RAM Packs $14.95

-See Page 4

Hacker's Handbook Computer Undrgrnd

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TS1000 MasterScribe

NLQ Word Processor For The 2040 Prntr.

-See Page 5

Bargain Priced Printer Ribbons

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E12

Order Blank

E. Arthur Brown Company
3404 Pawnee Drive, Alexandria, MN 56308
612/762-8847, 763-6393

Hours From 8:30 AM to 4:30 PM, Monday thru Friday

Your Account Number
(Right of Name on Mailing Label)

This Number Helps Us Fill Your Order Faster!

Date: _____

Day Phone: (_____)_____

Night Phone: (_____)_____

MAILING ADDRESS	SHIPPING ADDRESS (If Different)
NAME:	NAME:
ADDRESS:	ADDRESS:
CITY:	CITY:
STATE: ZIP:	STATE: ZIP:

Item Number	Description	Shipping Weight	Qty.	Unit Cost	Total
		Total Wt.		Item Total	
				6% Sales Tax (MN Res. Only)	
				Shipping & Handling (From Chart)	
				Discounts, Credits	
				TOTAL	

Payment Method (U.S. Funds Only)

☐ Check ☐ Money Order

☐ Visa ☐ Mastercard

MasterCard OR VISA

Acct. Number: _____

Exp. Date: _____

Signature: _____

Shipping, Handling, & Insurance Chart

U.S. ORDERS

Order Total	Surface	AIR SHIPPING CHART Weight (lbs.)	Rate
Under $25.00	$1.95	1-2	4.50
$25.01-$50.00	$3.95	3-5	6.50
$50.01-$100.00	$4.95	6-8	9.50
$100.01-$150.00	$5.95	9-12	13.50
Over $150.00	$6.95	13-16	16.50
		17 and over	Call

FOREIGN ORDERS

Service Fee $2.50
Plus the following charges:
Surface ..... $4.00 + $1.00 per lb. over 2 lbs.*
Air Parcel ..... $7.00 + $1.50 per lb. over 2 lbs.*
*Use the shopping weights from price list for figuring.
Additional charges will be billed for collection upon delivery.
Shipping charges for *Software* to Canada are $2.00 per item.

Another Birthday to Celebrate

EAB Co. Celebrates Four Years Of Fun!

Ever Wondered Where Computer Mail Order Companies Come From?

In September of 1982, I wrote a directory of products and companies that supported the Timex-Sinclair computer. An ad in *Creative Computing* and *Computers and Electronics* sold thousands of copies of that *Timex-Sinclair 1983 Directory*.

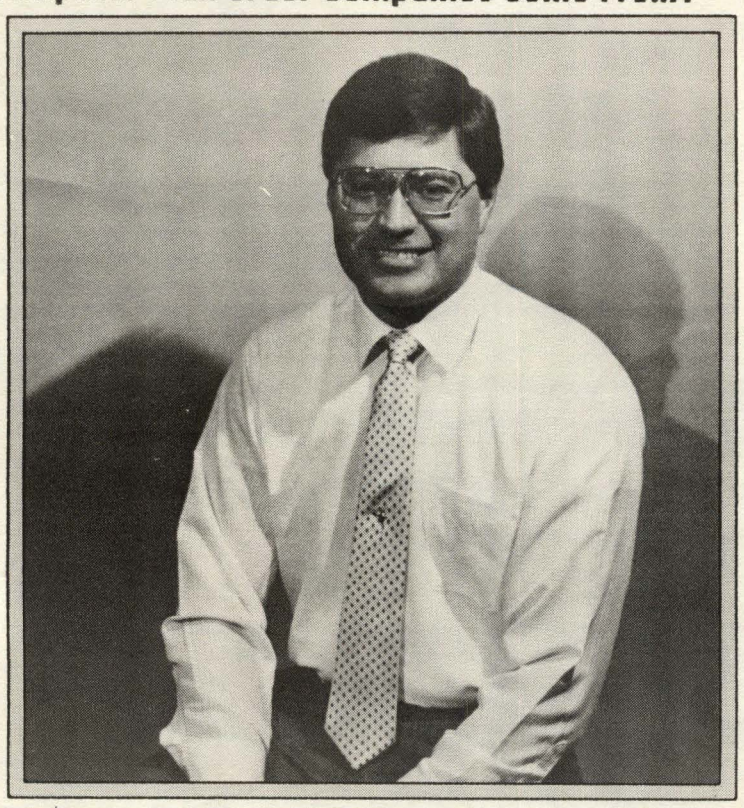
Many people thought the TSD was a sales catalog. They sent us orders for the products it listed and that's how we got started selling computer products by mail!

The past four years of the topsy-turvy computer industry have been thrilling... to say the least. But, man... *it's has been fun!* (We're just as nutz about new products and bargains as you are!) It's been fun swinging deals with so many fine suppliers and developers. And, it's been fun dealing with so many wonderful customers.

This latest catalog continues in the Unique Product/Good Deal tradition that has made our business so much fun. I hope you enjoy it and thank you for your business.

Sincerely,

Eben A. Brown, president
E. Arthur Brown Company



"I have managed to save alot of money by using the peripherals that your company offers..." -J.M., Illinois

"After being ripped off a couple of times through mail order companies, it's good to find one I can depend on." -P.G., Virginia

"I have been doing business with your company for several years now and... thank everybody for the fine service that I have received." -J.C., Washington

I enjoy doing business with your company and you can expect more orders from me." -D.F., Wisconsin

Ordering Information

Mail Orders:
Use our order blank or any stationary. Be sure to give complete shipping information (name, address, etc.) and include your account number. This number allows our order processing department to process your order approximately 4 times faster. It appears either above or to the right of your name on all correspondence, mailing labels, and packing slips we've sent you. If you're a new customer, we'll assign you a number upon receipt of your first order. Please add shipping charges as they are listed in the Shipping Chart. Minnesota residents please add 6% sales tax. Mail your order to:

E. Arthur Brown Company
Department E12
3404 Pawnee Drive
Alexandria, MN 56308

Or, you can place your order by telephone and charge it to your VISA, Mastercard, or Discover Card. Please call 612/762-8847 or 763-6393 between 8:30 AM and 4:30 PM Central Standard Time, Monday through Friday. Be sure to have your order ready for our operators.

24 Hour Order Service:
If you call after hours or on weekends, you can leave your order on our answering machine. We check it at the start of every business day and process orders immediately.

Payment Method:
All payments must be in U.S. funds, collectable in a U.S. bank. We will return any foreign checks. International Money orders are accepted, provided they are in U.S. dollars. We accept VISA and Mastercard credit cards. Purchase Orders are accepted only when accompanied by payment. Your Purchase Order number will appear on your packing slip.

International Orders:
Credit cards are preferred to simplify collection of freight and handling charges. Use the shipping weights listed next to the price of each product when figuring charges with our shipping chart.

Domestic Orders:
Surface orders are sent by the best and most economical way. Be sure to give an accurate street address, since we use UPS delivery whenever possible. Priority Air deliveries are sent by UPS 2nd Day Air service at regular UPS rates.

Back Orders:
We process orders immediately upon receipt. In-stock items are shipped the next workday or within 2 workdays at the latest. Occasionally, on orders for multiple items, we may have one or two items on back order. If so, we will ship the rest of your order immediately and the back ordered item(s) as soon as we have it in stock. We pay additional shipping charges resulting from backorders with the exception of COD fees. If there is a delay in filling your order, we will send you an FTC notice card within 30 days. You may cancel your order for a refund at any time prior to shipment. If you cancel after we ship, you will be charged for shipping and processing expenses. Please allow at least 14 days for delivery.

COD Orders:
All COD orders are charged a $3.00 processing fee along with our normal shipping charges. If supplies necessitate partial shipments, each shipment after the first one will be charged $1.90 to cover COD fees... but no additional shipping charges will be collected after the initial shipping charge. All COD shipments must be paid for with cash, certified check, or money order. We only ship CODs through UPS in the United States. No foreign CODs will be accepted. If your COD shipment is refused or returned to us for ANY reason, you will be billed for shipping to and from your destination along with the $3.00 COD fee. No other COD shipments will be sent to you until this charge is paid.

Customer Service:
If you have a problem with any of our products, call our customer service department. Most problems are solved over the phone. However, if you find it necessary to return an item, please:
1. Pack it carefully and include a copy of your receipt.
2. Write and enclose a letter describing the problem and what you want us to do about it. Include your name and address.
3. Insure and mail the parcel to us.

Orders damaged by the common carrier should be kept in their original shipping container. Call us or the common carrier for handling instructions.

Prices and Specifications:
Our prices and product specifications are subject to change without notice. If you're not sure of a price or specification, please call or write for up-to-date information. From time to time, we may run advertised specials in magazines. To qualify for these special prices, your order must mention the name and issue date of the magazine. Advertised specials expire one month after publication. We offer no retroactive pricing on discounted items. Discounted prices apply only to new orders and only while supplies last.

10 Day Trial Conditions:
We offer a 10 Day Trial period on hardware items only. Try any hardware item in this catalog for 10 days. If it doesn't work or you just don't like it, send it back within 10 days of receiving it. As long is the product is in NEW condition, in it's ORIGINAL CONTAINER, with all INSTRUCTIONS AND DOCUMENTATION INTACT, we'll either exchange it, refund your money, or credit your credit card for the full purchase price less shipping charges. Merchandise that isn't in new condition, or that has modifications such as velcro stickers, rubber feet, tape, etc. will not be accepted.

Our Guarantee:
All hardware items carry manufacturer's warranties as well as our 10 day, money back, free trial guarantee.

All Software/Book sales are final. We can not issue refunds or exchanges for different titles. We guarantee our programs to load and run on a standard computer system like the test system on our premises. Defective programs will be replaced with working programs of the same title. Books are considered to have been read if they were delivered to the customer.

On do-it-yourself kits, we guarantee only that the kit is in operating order. If your computer should be damaged during installation, we limit our liability to replacement of the kit. We cannot guarantee your ability to install the kit.

Read What Others Say About EAB Co.

Unsolicited Comments From Happy Customers

We'll Do Our Best To Make You Happy Too!

"Your Product arrived promptly and we were very happy..." -H.O., Wisconsin

"It is a pleasure to have known you and your fine company." -J.J., Texas

"Thank you for all the time you've spent making my leisure hours (on the computer) more fun." -H.K., Pensylvania

"You provide the extra effort to insure compatibility between products that is so important." -C.S., Colorado

"...many thanks for your time and consideration- it is a pleasure doing business with a firm such as yours." -R.W., Massachusetts

"The service you have given on the orders I have placed has been excellent." -M.H., Wisconsin

"Thank you so much for your very good service... I would highly recommend your company." -K.T., Michigan

"I am delighted with the fast, friendly and competent service I have been receiving from your company." -D.R., Ontario

"Thank you for your personal attention... it is always a pleasure to deal with a company that cares about his customers." -R.B., Massachusetts

"First off, let me say how satisfied I am with the service from your company..." -W.P., New York

"Thank you for your nice, quick response to my letter...most never bother to answer letters..." -H.R., Texas

"Thanks for all the help and terrific service." -G.S., Illinois

"I would like you to know that in my opinion you run a first rate company." -D.J., Kansas

"...I think your service is really excellent." -D.R., Ohio

"I have purchased many of the items you carry and must commend you on your service." -M.H., Florida

"I do solemnly pledge to be a good and loyal though troublesome customer for evermore." -J.K., Texas

"Thank you for your fine products and your assistance." -M.L., Louisiana

"You may certainly be assured of my patronage in the future." -A.N. Massachusetts

"Again, it was a pleasure doing business with you and (I) hope to do more in the months to come." -A.D., Ohio

"I am writing to thank you for your prompt and courteous attention to the problem I was having..." -E.C., New Jersey

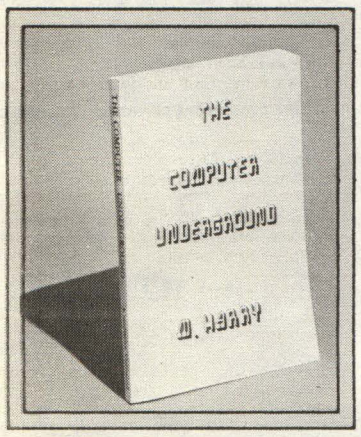
"I want to thank you for the kind of support you are continuing to give..." -R.H., Indiana

Miscellaneous

Accessories, Books, Software

The Computer Underground

Computer crime...exposed! As the introduction to this book points out, computer crime is not going to go away. In fact, it is a product of our society and actually seems to be encouraged on a sort of, "Cult Hero" basis. As evidence, Wozniak and Jobs, the founders of Apple Computer Corp., are said to have started out selling "blue boxes"...



devices for using long distance telephone service without paying for it.

This book covers the entire spectrum of Hacking, Crashing, Pirating, and Phreaking. With personal information in your own computer and piling up in the 38-50 national data banks, you and everyone else has a stake in knowing how computer criminals work and what you can do to protect yourself. Many currently "accepted" security measures are easily defeated by computer criminals and this book shows how. The combination of hacking and phone phreaking techniques enable criminals to invade your datafiles from any where in the world without regard to long distance charges.

This book is rather crudely printed by an underground publisher. It's 280 large format pages have quite alot of space... much of the printing is double spaced 12 pt. dot matrix. However, you buy a book for what it can teach you and this book can teach you alot.

345-500 Comp. Underground 2 lb. $16.95

Play 'Em Or Re-Format 'Em!

DataSoft Game Disks...50¢ Each

We have a whole pallet of assorted Datasoft™ game disks for Apple II and Commodore 64 computers. We figure that for 50¢, you can either use them for playing the games or reformat them for data. Or, give them away as gifts to your friends. Titles include Canyon Climber, O'Riley's Mine, Nibbler, Lost Tomb, Genesis, Juno First, and Moonshuttle. We're selling them in batches of 10/$5. You can request Commodore or Apple, but no individual titles. We'll see that every order has a selection rather than just one title.

427-200 DataSoft Disks (10) 1 lb. $5.00

A Bargain On Data Quality Cassettes

Data Cassettes 50¢ Each

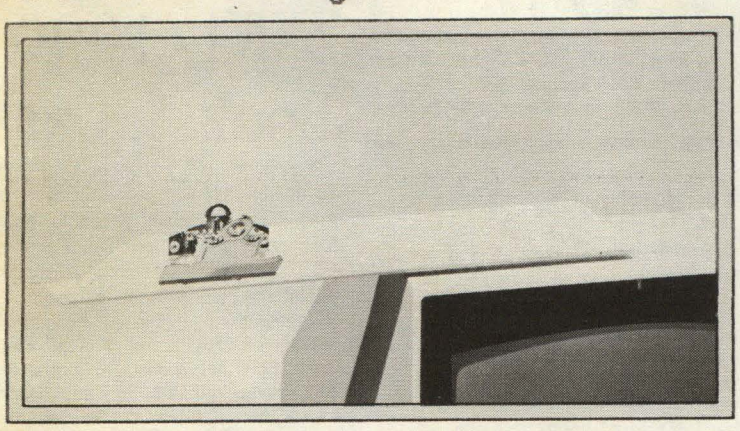
We liquidated a bunch of cassette based software and are offering them as re-usable computer grade cassettes. These are sold "As-Is" with all sales final. "2-Bit Software" brand TS1000 programs are on the tapes, but at these prices we won't search out special titles for you. Please don't ask. These are sold as re-usable cassettes only. Here's an excellent opportunity to get data quality cassettes at a ridiculous price!

540-300 Re-Usable Cassettes (10) 1 lb. $5.00

Quick Detachable!

Easyl™ Work Holder

Holds Your Work At Eye/Monitor Level



Our Easyl™ Work Holder is so simple, you'll wonder why no one thought of it before. Attach it to the top of your computer monitor with it's quick-release Velcro™ fastener (included). Then, clip your dictation, outlines, newspaper clippings, paper back book or magazine articles to it. Clip anything to it that you're copying from or refering to. Easyl™ holds your work right next to your monitor for easy-on-the-eyes viewing.

Got a messy desk? Don't worry! Easyl™ suspends your work from above and takes absolutely no desk space! It holds strong, too. We hung a 1 lb. paperback book from it with no problem.

Simple, quality construction lets us guarantee your Easyl™ for a full year against breakage. We individually cut and shape each one from extruded PVC plastic. This makes it strong, yet flexible, and light. It won't scratch your computer or monitor either. A genuine Kaufman Bros. spring steel clip is attached using washer backed rivets for strength and durability. Finally, we apply a generous length of Velcro™ hook and loop tape to give a strong hold with quick detachability.

Available in left or right side mounting versions, and in your choice of brown or white. Order your Easyl™ today!

127-405 Easyl™ Right (white) 1 lb.	$9.95
127-406 Easyl™ Left (white) 1 lb.	$9.95
127-407 Easyl™ Right (brown) 1 lb.	$9.95
127-408 Easyl™ Left (brown) 1 lb.	$9.95

The Hacker's Handbook...Now In Our Third Printing

How To Telecompute Like A Hacker

Inside Tips & Tricks On Telecomputing, Hacking, Networking, Security

by Eben Brown

THOUSANDS of satisfied customers can't be wrong. You'll like THE HACKER'S HANDBOOK too! It's received favorable reviews in INFOWORLD, COMPUTER SHOPPER, AHOY!, and several other magazines. We've even started selling THE HACKER'S HANDBOOK through other mail order suppliers... with overwhelming success!

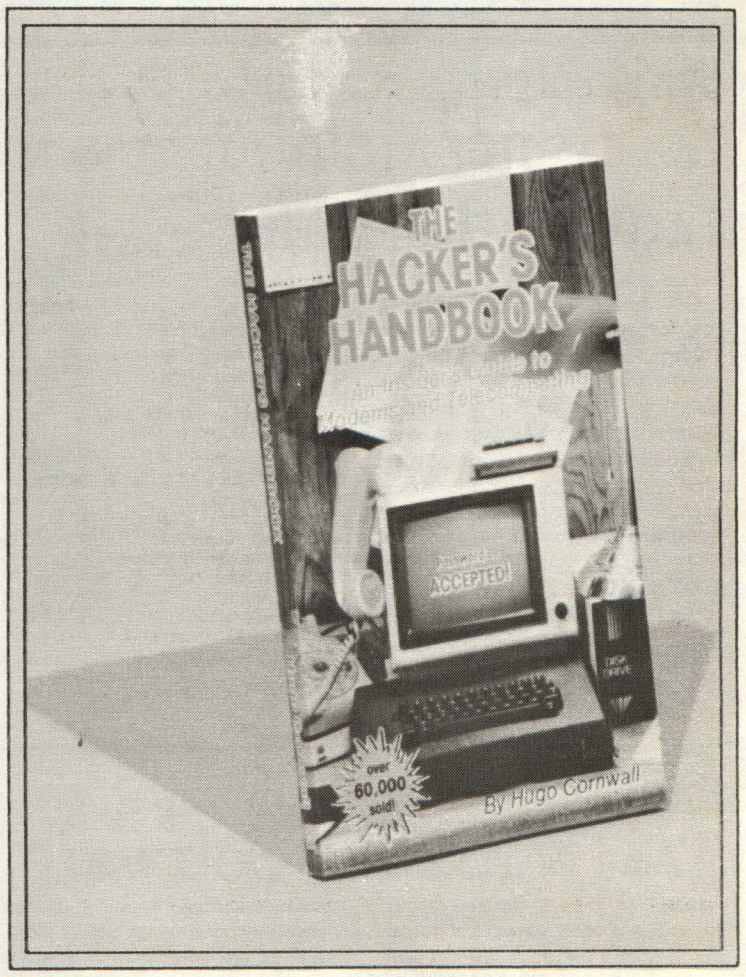
Why has this book done so well? It simply is a VERY GOOD BOOK! Beneath all of the hype and worry about publishing *dangerous information* is a complete study of telecomputing, networking, computer operating systems, and communication protocols. If you're an average computer user, you'll know 10-50 times more about modems and telecomputing after reading THE HACKER'S HANDBOOK.

But this is not to downplay the Hacker tricks it reveals: You'll learn phone, programming, and hardware tricks for zeroing in on unlisted numbers, identifying and analyzing signals with no physical phone tap. You'll see how hackers figure out passwords, access codes, and protocols so they can communicate with unknown remote computers. The famous *Salami, Trapdoor* and *Trojan Horse* techniques are explained. You'll even find out about short wave hacking and packet switched communications.

With over 60,000 sold so far, THE HACKER'S HANDBOOK is definitely a best seller. Our current edition has 169 pages with both U.S. and international technical references. We have the book in stock for immediate delivery, so order today!

Dealer Inquiries Are Welcome!

343-762 Hacker's Handbook 1 lb. $12.95



The Hacker's Handbook

International Best Seller

"...quite interesting...I found it quite valuable... I liked it."
-John C. Dvorak, *InfoWorld*

"...contains information on many subjects hard to find elsewhere."
-*Computer Shopper*

"...a definite must for modem crazed computerists..."
-Bill Ferebee, *TS Horizons*

"THE HACKER'S HANDBOOK...You too can be wanted by the FBI...an exposé..."
-*AHOY! Magazine*

"...a good book...certainly enjoyed it...I do recommend this book..."
-David Baulch, *The Data Expansion*

"Anyone interested in electronic mail should read THE HACKER'S HANDBOOK!"
-*New Scientist*

"...good value, and highly recommended."
-*Commodore User*

You'll Like It, Too!

Special Purchase Opportunity

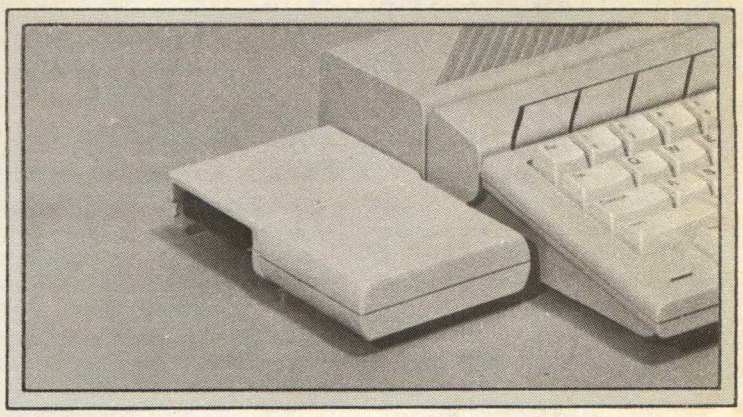
Atari ST Clock Cartridge...$34.95

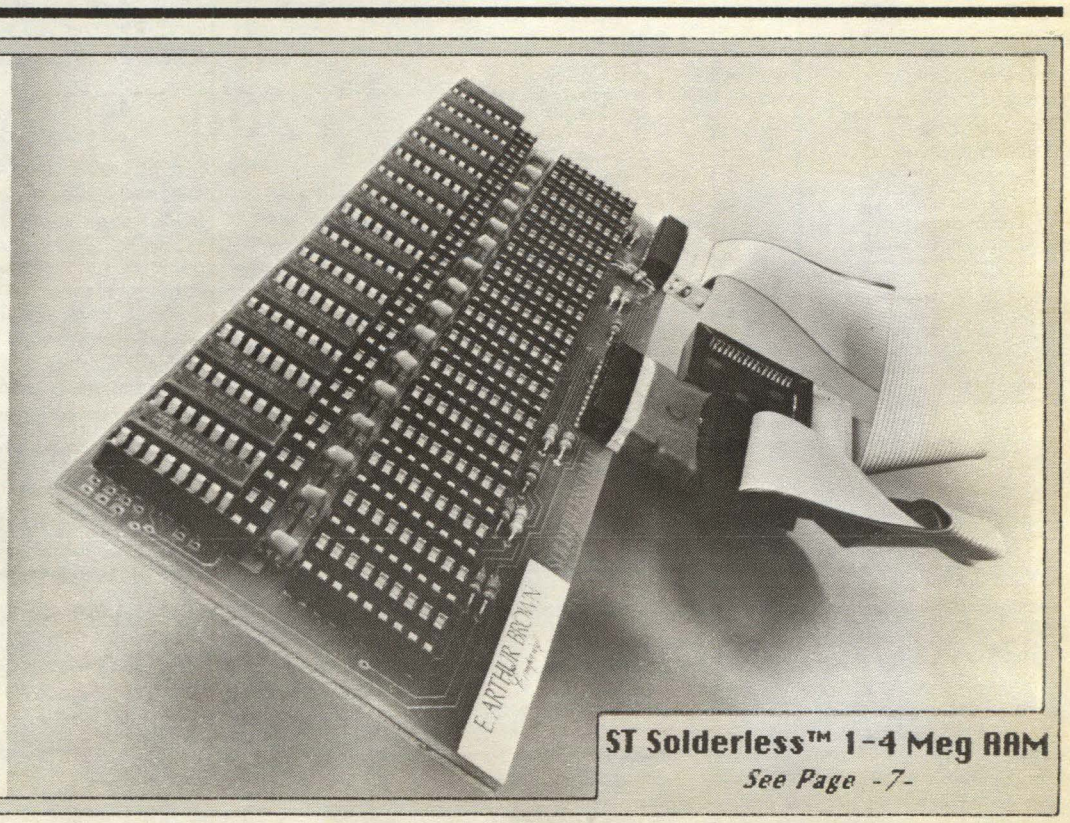
List Priced At $49.95... Supplies Limited. Auto-Sets Clock On Boot-Up

by Eben Brown

Plug our new ST TimeKeeper cartridge onto your ST expansion port and you'll never have to set your ST time again. The cartridge has it's own lithium powered clock which you set once from your computer keyboard. Then, you save an automatic look-up program to your work disk. From then on, whenever you boot that work disk, your computer automatically looks up the time on the TimeKeeper cartridge and sets itself. Make full, convenient use of the internal clock on your ST. Order our ST Timekeeper today!

100-510 ST TimeKeeper Clock Cartrdg 2 lb
List $49.95 **Our Price $34.94**





ST Solderless™ 1-4 Meg RAM

See Page -7-

TIMEX

Special Purchase Opportunity

SoftSync/Melbourne Liquidation Sale

by Eben Brown

We've ferreted out some more good deals for our Timex-Sinclair customers! Through a special buy, we got an overstock of SoftSync TS2068/TS1000 and Melbourne TS1000 software at ridiculously low prices. All are in their original factory new packaging. These same excellent programs sold for as much as $25 each originally! Through this special deal, you can buy them way below cost. PLEASE USE THE ITEM NUMBERS WHEN ORDERING. All programs are guaranteed to run.

Item	Decription	Price
TS2068 Titles		
SS1	Zeus Monitor/Disassembler	8.95
SS2	Zeus Assembler	8.95
SS3	Cyberzone	8.95
SS4	Gulpman (Like Pacman)	8.95
SS5	Voice Chess (It Talks)	8.95
SS6	Personal Accountant	8.95
TS1000/ZX81/TS1500 Titles		
SS7	Meteorites 16K	3.95
SS8	Stock Market Calculator 16K	3.95
SS9	Space Commando 16K	3.95
SS10	Destroyer/Space Raid 2K	3.95
SS11	2K Games Pack	3.95
SS12	Night Gunner 16K	3.95
SS13	Red Alert 16K	3.95
SS14	Shark's Treasure 16K	3.95
MH1	11 Games! 16K	3.95
MH2	Starfitr/Pyramid/Artist 16K	3.95
MH3	3D Monster Maze 16K	3.95
MH4	Catacombs 16K	3.95

The TIMEX Best Deal Yet

3/$10 TS2068 Software

Now's your chance to get original Timex brand 2068 software at ridiculous prices. All are brand new, but some packages have opened seals. All are guaranteed to run.

We only ask that you order in batches of 3 and that you give us at least three alternate selections. We will substitute if your first choices are out of stock. Quantities are irregular and at these prices we're bound to run out fast. So, place your order right away! If you have particular favorites, give us a call and we'll set them aside for you!

Item	Description		
102	Personal Portfolio Manager	115	Blind Alley
103	Personal Home Finance	116	Crazy Bugs
104	States and Capitals	117	Fun Golf
105	Spelling I	119	Horace & The Spiders
106	Chess	118	Horace Goes Skiing
109	Androids	121	Casino I
111	Dragmaster	124	Word Cross
112	Guardian	125	Home Improvement Plnr.
113	Stock Market Sim. Game	126	Math Wizardry I
114	Hungry Horace	128	Circuit Board Scramble
		129	Time Teacher I

Special Purchase Opportunity

5/$10 TS1000 Software

Compatible With the TS1000, ZX81, or TS1500

Somebody must have expected a tremendous market for TS1000 software... we keep finding *warehouses* full of it! Below is an updated list of the titles we had in stock at the time this catalog was written. Quantities of each title are irregular. If you want to be sure to get a special title, order *early*!

When you order, you get five program cassettes for $10.00. Please give 2nd, 3rd, and 4th choices. We'll do our best to fill your order with first choices, but reserve the right to substitute a similar program if the one ordered is out of stock. Also, PLEASE USE THE ITEM NUMBERS WHEN ORDERING. These are rock bottom close-out prices... ALL SALES ARE FINAL. At these prices, we'll run out of stock as fast as we did the last time we had this sale. So, place your order right away!

Item	Title	RAM			
6	The Challenger I	2K	43	Superdoodles	16K
8	Bat Cage	2K	45	Music Educator	16K
9	VuCalc	16K	47	French	16K
10	Inventory Control	16K	52	Doobarry Domino Counting Ph	16K
11	Manufacturing Control	16K	56	Gambler	16K
12	Critical Path Analysis	16K	57	Cube Game	16K
14	Stock Mkt. Tech Anal	16K	58	Grimms Fairy Tales	16K
15	The Organizer	16K	59	Mixed Game Bag I	16K
16	Budgeter	16K	64	Stock Market Game	16K
17	Loan/Mortgage Amortizer	16K	66	Fortress of Zorlac	16K
20	Carpooler	16K	68	Strategy Football	16K
21	Stamp Collector	16K	69	Kasino Kraps	16K
22	Stock Option Analyzer	16K	72	Trident	16K
25	IRA Planner	16K	75	Money Analyzer II	16K
27	Real Estate Investment Anal.	16K	78	Mixed Game Bag II	16K
29	Portfolio Analysis	16K	79	Flight Simulator	16K
30	Heating System Analyzer	16K	80	Supermaze	16K
31	Solar Water Heater Designer	16K	81	Computer Coach	16K
32	College Cost Analyzer	16K	90	1,2,3 Go	2K
33	Electric Cost Analyzer	16K	91	Working Mothers	2K
35	States and Capitals	16K	92	Games Sampler	2K
36	Presidents	16K	93	Making Treks	2K
37	Punctuation Master	16K	94	Mind Vs. Machine	2K
38	Ator the ABC Gator	16K	95	Mind Bogglers	2K
39	Capitalization Master	16K	96	Gridlock	2K
			97	Basic BASIC	2K

TS2068 Saboteur

Mercenary/Adventure Game

As a highly skilled mercenary, you must infiltrate a central security building and steal a computer disk containing the names of rebel leaders. Race against the clock, enemies, and odds in this exciting nautical, land, and air adventure!

343-750 2068 SABOTEUR 1 lb. $15.95

What Will Casby Think of Next?

CasBoard TS2068 Bulletin Board

Full Function, RAM Based BBS for the Timex Color Computer!

by Eben Brown

What's the most common excuse for not starting a bulletin board or business message base? It ties up your computer so you can't use it for other things! Well, our Timex 2068 computer is inexpensive enough to buy one for dedicated BBS use. And now, we have CasBoard 2068 BBS software to make it all work!

Our TS2068 Bulletin Board software was written by Kurt Casby who designed our best selling Smart II Enhancer (a.k.a. Loader V). Kurt provides 2 versions of CasBoard 2068: One for cassette operation and one for 2068 Mikrodrive operation. The cassette version maintains it's message base entirely within RAM. This allows for roughly 40 screens of message space with the message capacity depending on the length of each message. It's feasible to figure 80-100 short messages as a capacity. An auto scroll feature automatically deletes the oldest message when the board fills up to capacity. Of course you can back up your message base to tape at any time. All you need to run the cassette version is your 2068, a TS2050 modem, and a cassette player. The Mikrodrive version is set to allow multiple 40 screen message bases depending on the capacity of the MikroWafer you use. So, you can maintain an even larger message base. All SAVE and LOAD commands are in BASIC, so you should be able to convert it to any other drive system with the exception of the RAMEX disk. The Mikrodrive version allows up and downloading of program and text files as well as the messaging capabilities of the cassette version. You need a 2068 Mikrodrive, TS2068 computer, and TS2050 modem to make use of this version.

CasBoard 2068 allows you (the SYSOP) to control everything. You can monitor and even hang up on callers. X-Modem as well as Hex protocols are fully supported, so you shouldn't have any trouble with messaging from non-Timex brand computers.

Sounds kind of neat, doesn't it? It is! Order your's today and start your own BBS!

128-380 CasBoard 2068 1 lb. $19.95
100-124 TS2068 Computer 7 lb. $119.95

Now There's A Version For Everybody

2068 Profile...The Timex Data Base

For Your Mailing Lists, Inventories, Collections, Recipes... Everything.

by Eben Brown

Tom Woods has done it again! His *2068 Profile* data base program is now available in an enhanced and more powerful version... *on cartridge!* This new cartridge resides in the DOCK BANK of memory, so it leaves 37K of RAM in the HOME BANK for your data. Furthermore, the SAVE and LOAD routines work only on the Data... you don't have to SAVE and LOAD the program along with your files every time! Every enhancement given in the original 2068 Profile manual has been added along with a fast machine code sort improvement. Printer software is also built-in. You can choose any of the popular 2068 Centronic printer interfaces or your 2040 thermal printer. A special feature for big printers is the ability to print more than one 32 character display line on each printer line. In other words, you can print out more than 32 characters per line! You can set your display to color, black on white, or white on black. Tom has added a DUPLICATE feature for making copies of your files. Also, the search routine has been upgraded to include OR and NOT as separators. Arithmetic functions have been improved to allow tallies on any file line...not just the first. You can even do modifications in RAM. Making SAVEs and LOADs to alternative data storage possible.

2068 Profile is the original flexible data base. You don't have to set up fields for your data as with other data bases. Each record can be different if you need it so. Make some records longer than others. Whether you buy the original cassette version or the new cartridge. 2068 Profile is the data base to use with your TS2068!

298-605 2068 Profile Cartridge 1 lb. $39.95
298-601 2068 Profile Cassette 1 lb. $24.95
298-602 Profile Mikrodrive Cassette $16.95

Special Purchase Opportunity

Memotech RAMs $14.95

A Rare Find, Original $80 Value...Stack 'em!

by Eben Brown

These beautiful, brand new RAMs were built as stackable add-ons for Timex-Sinclair ZX81/TS1000 computers. Found in an English warehouse just recently, we purchased them at liquidation prices. They originally sold for $80. But now, you can own as many as you like for less than 15 bucks each!

The attractive Memotech case looks good on your TS1000/ZX81. The card edge extends out the back. So, you can stack another RAM module on for a total of 32K. Or, plug your printer on the back!

The last time we got such a good deal on Memotech RAMs, we sold out in a week. These won't last long either. So, place your order today!

100-200 Memotech 16K RAM 1 lb. $14.95

2068 Technical Manual

Do you need a 2068 schematic, parts list, and PCB assembly drawing? I/O data? ROM maps, etc.? Would you like to know where the known system bugs are and how to correct them? How about info on the 64, 80, and 40 column display modes? Whatever you want to know about the "guts" of the TS2068, you'll find it in our TS2068 Technical Manual. With 300 (8 1/2 X 11) pages by the technical experts at Timex, this is the definitive "Inside Scoop" on what makes a 2068 tick.

270-320 2068 Tech Manual 2 lb. $29.95

200 TS BASIC Programs

This surprise best seller did so well in our last catalog, we had to put it in this one, too. In 225 pages (8 1/2 X 11) you'll find program listings for 200 BASIC programs you can type into your TS2068, TS1000, TS1500, or ZX81 computer yourself. You'll find games, programming utilities, scientific applications, graphics, business programs, and more. See examples of sound and graphic programming. Use a renumbering routine for cleaning up your programs. Set up a coupon management system. With 200 different programs, it's a bit hard to list them all here. Let's just say it's really a good book and you'll want to have a copy in your TS library! Order today!

118-300 200 Timex BASIC Progs 1 lb. $14.95

See A Previous Catalog for Details

Orrin's TIMEX Stuff

From The Inventor Of PC-PictaScan™, A Whole Slew of Handy Hard and Software To Enhance Your Timex Sinclair Computer

We carry all of these fine products and have sold hundreds of them to satisfied customers. If you have a need for any of them, please use the item numbers below when ordering.

220-264 MMRY-REZ (TS1000) 2 lb. $99.95
220-266 MMRY-REZ (TS1500) 2 lb. $109.95
220-450 Mon Conv. Kit (TS1000) 1 lb. $19.95
220-451 Mon Conv.Kit (TS1500) 1 lb. $19.95
220-453 RGB Kit (TS2068) 1 lb. $19.95
220-455 Smart II-Tasman Patch 1 lb. $14.95
220-300 2068 Wafer Tune-Up 1 lb. $14.95
220-900 6502 Crs.Asmblr.(TS1000) 1 lb. $24.95
220-901 6502 Crs.Asmblr.(TS2068) 1 lb. $24.95

Special Purchase Opportunity

ZX81 RAM Packs $9.95

A Special Purchase just in from England. These 16K RAMs are exactly identical in looks and compatibility to the Timex 1016 16K RAM. Just plug them onto your TS1000/TS1500 or ZX81 for an additional 16K of RAM. Piggy-Back them onto our Memotech 16K RAM for a total of 32K! At this price, these won't last long. Order your's today!

340-300 ZX81 RAM Module 1 lb. $9.95

ZX81/1000 Book & Cass.

Realize the full power of your 16K TS1000 or ZX81 with this exciting book, then load the demo programs right from cassette (included). Learn powerful programming tips from over 164 pages. The cassette holds 12 programs including Word Juggler, Money, Personal Finances, Banking, Bulk Storage, Rank Order, Exam Result Analysis, and more. Originally priced at $24.95, this has to be the book bargain of the year for TS1000/ZX81 owners. Order today!

270-300 ZX81/1000 Prog/App. 2 lb. $4.95

ZX81/1000 Controller

Have you ever wondered how computers are applied to Control Applications? Here's the book that shows you how! Learn to program and modify your TS1000 to time events, produce simple tunes, add a joystick or keyboard, measure light, heat, weight, turn on lights and appliances and more. 183 information-packed pages by Robert L. Swarts... a must for any TS library!

270-310 Control TS1000 Book 1 lb. $5.00

TIMEX

Check A Previous Catalog For Details!

EAB BackList Products

Our Past Best Sellers...Still Stocked & Shipped

We have several products that continue to sell at a regular pace, but have already been described several times in the catalog. To give more space to our new products, we decided to put these into an abbreviated "Back-List"... with shortened descriptions. Please refer to one of our previous catalogs for a more lengthy description.

OmniCalc II Spreadsheet

Powerful, up to 5000 cell spreadsheet for the TS2068 and Sinclair Spectrum computers. Cols. and Rows totalled and subtotalled, Logic compatible, and more features. Prints out to 2040 Printer or full size printer with Z-Print 80 Printer Driver (see above). Works from cassette or transferable to 2068 Mikrodrive with Drive Conversion Overlay.

342-600 OmniCalc II (2068/Spec) 1 lb. $24.95
342-601 OmniCalc Overlay 1 lb. $14.95
340-640 Z-Print 80 1 lb. $19.95

Gorilla Descender ROM

Upgrade your Gorilla Banana with full descending characters. Our plug-in ROM provides gives a new font set with decenders. Open your printer case and look at the chip to the left of the long controller chip. Write down the number on that chip. If it's 4AEØ or 3 AL1, you can use one of our Descender ROM kits.

290-300 4AEØ Desc. ROM Kit 1 lb. $19.95
290-301 3AL1 Desc. ROM Kit 1 lb. $19.95

Memotext Word Processor

Original Memotech Memotext word processor for TS1000/ZX81...on tape!

501-600 Memotext(1000,ZX81,1500)1 lb $29.95

Zterm Terminal Software

64 Column terminal software for TS2068 computer. Also gives X-Modem compatibility. Requires OS64 cartridge.

340-376 Z-Term Modem Software 1 lb. $29.95

OS64 64 Col. Cartridge

Plugs into TS2068 cartridge port, gives 64 character per line display. Also has drivers for Tasman, AERCO, and Mikrodrive printer interfaces.

340-620 OS-64 Cartridge 1 lb. $29.95

3 Book 2068 Library- $9.95

Includes Beginner to Intermediate Guide, Intermediate to Advanced Guide, and Inside the 2000. These books are $5 individually.

400-300 3 Book Library 3 lb. $9.95

2068 Keyboard Overlays

Put commands of popular programs right on your keyboard with these overlays.

130-325 Tasword II Ovly. 1 lb. $6.95
130-326 MSCRIPT Ovly. 1 lb. $6.95
130-327 OmniCalc II Ovly. 1 lb. $6.95
130-328 Blank Ovly. 1 lb. $6.95

UPD Software

Universal Printer Driver software for TS1000, ZX81, or TS1500 with 16K+. Gives enhanced full size printing with popular CPIs: AERCO, Tasman, Byte-Back, Memotech, and JLO.

501-350 UPD Software 1 lb. $16.95

SmarText dB/Word Processor

Remarkable full featured 2068 word processor with integrated database functions. Prints mail-merge letters!

320-400 2068 SmarText 1 lb. $39.95
(Specify AERCO, Tasman, or Mikrodriuve (A&J) printer interface when ordering)

TS1000 Extended BASIC

Adds extended BASIC commands to 16K TS1000/ZX81/TS1500...similar to 2068 BASIC. READ, DATA, RESTORE,...etc.

701-900 Extended BASIC 1000 1 lb. $24.95

TS2068 32K NV-RAM Cartridge

Battery powered bank switchable 32K RAM cartridge. Stores programs and Data in Dock or XRAM bank.

298-232 TS2068 RAM Cartridge 1 lb. $109.95

Vu-Calc/Vu-File Book

Illustrates practical applications of Psion spreadsheet and data base for Timex-Sinclair computers.

340-500 VU-CALC/VU-FILE Bk. 1 lb. $8.95

Lien's BASIC Book

Popular, Easy to learn BASIC book for Timex-Sinclair computers.

340-510 Lien's BASIC Book. 1 lb. $4.95

Keyboard Kits

Surplus TI keyboard, molded case, and mounting/wiring instructions.

127-325 Keybd. Kit 3 lb. $14.95

Molded Timex Cases

Original Timex manufactured molded carrying cases for TS1000, ZX81, and TS1500 computers.

127-437 Timex Carry Case 3 lb. $9.95

Smart II Terminal Software

Original Mterm II software for the TS2068. Gives Up/Down loading.

100-376 Smart II Software 1 lb. $24.95

Smart II Manual

Improved instruction manual for Mterm II by Barry Carter. Shows better Up/Down loading, Macros, Auto Dialing.

242-376 Smart II Manual 1 lb. $6.95

Smart II Enhancer

Gives auto re-dial, extended directory, Easier Up/Down loading, X-Modem, Mscript, Tasword II, and Mikrodrive Comparibility to Mterm II.

128-375 Smart II Enhancer 1 lb. $14.95

TS2068 Music Book

30 Music Programs for the Timex 2068. Shows use of Beep and Sound commands as well as use of up to 4 voices. 137 Pages.

402-500 2068 Music Book 1 lb. $12.95

"Super Hot Z" 2068 Machine Code

Disassembler, monitor, interactive assembler, and debugger for TS2068. Always a top seller, order your's!

610-900 Super Hot Z (2068) 1 lb. $24.95

Timex Computer Systems

They're out of production, but full support and repair services continue to thrive. If you're looking for a powerful but simple-to-learn computer, check these out. The TS2068 Package is $149.95 and includes the 72K 2068, the TS2040 thermal printer, and 4 assorted programs. The TS2068 computer by itself is $119.95. The 16K TS1500 is $79.95. And, the 2K TS1000 computer is $49.95. For memory upgrades on the TS1000 and TS1500, we have ZX81 16K RAM modules at 9.95. For stackable (up to 32K) memory on the TS1000, we have Memotech 16K RAMs at $14.95.

100-123 TS2068 Package 12 lb. $149.95
100-124 TS2068 Computer 7 lb. $119.95
100-115 TS1500 Computer 3 lb. $79.95
100-110 TS1000 Computer 3 lb. $49.95
340-300 ZX81 16K RAM Pack 1 lb. $9.95
100-200 Memotech 16K RAM 2 lb $14.95

Z-Print 80 TS2068 Printer Driver

An alternative to the printer driver software that came with your interface. Prints colors in gray scale and gives more power for use of other print-out programs. Works with Epson compatible printers including Legend, MT-80, DMX-80, Panasonic 1090/1091, Gemini 10X/SG10, and Prowriter 8510.

340-640 Z-Print 80 1 lb. $19.95

Super Data Recorder

Only 16 left. These are the most reliable data recorders. Cables for Atari, Commodore, and Timex included. Adaptor also included.

100-305 Super Data Recorder 3 lb. $29.95

TS1000 Machine Code Tutor

by Eben Brown

I recently came across a supply of this excellent machine code teaching utility and just had to offer it to our TS1000/ZX81 and TS1500 customers. A combination program and operating manual, it teaches the ins and outs of machine code on the Z80 CPU. Really a bargain, this. You just have to buy one!

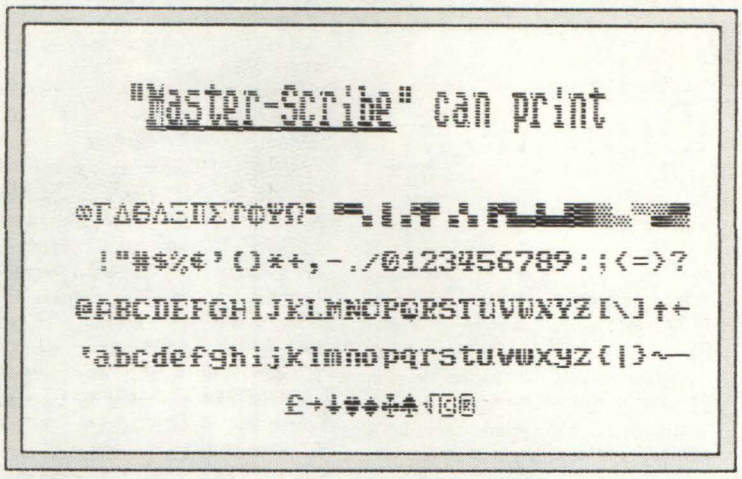
340-907 TS1000 Machine Code 1 lb $9.95

Almost NLQ On Your 2040 Printer

TS1000 MasterScribe

W/P with NLQ, Enlarged, Underline, Super/ SubScripts, Inverse, Sgl/dbl Space...& More.

"Master-Scribe" can print



by Eben Brown

There is yet another star on the Timex-Sinclair horizon and his name is *Mike Hawks*. A look at the sample printout from his new TS1000 Master-Scribe™ should prove my point. Mike has figured a way to combine the economies of the 2040 printer with type features found only on expensive full sized printers... and he's included a word processor in the deal!

TS1000 MasterScribe™ works on 16-32K TS1000, TS1500, and ZX81 computer systems and prints to the TS2040 printer. All totaled, it produces 138 printable characters in various enhanced formats (as described above). Word processing features include insertion, deletion, block editing (Delete, Copy, Move), full screen cursor control, etc. Format your printout for full, right, left, and center justification. You can use the USER WORD function to make form letters more convenient. WORD SEARCH allows you to search documents for words, sentences, or entire paragraphs. TS1000 MasterScribe™ even lets you include graphics in your documents!

TS1000 MasterScribe™ comes with an excellent manual that covers all aspects of using the program including a section on manipulating the actual program listing. There's never been a TS1000 word processor of this caliber for the 2040 printer. It works great and it's so simple to master!

If you own a TS1000, ZX81, or TS1500 and 2040 printer, you owe it to yourself to buy TS1000 MasterScribe™! Order your's today!

112-600 TS1000 MasterScribe 1 lb. 14.95

TS2068 Tinkering Book

Hardware Projects

You can build all kinds of electronic projects to interface with your TS2068. Beginning with an explanation of real world interfacing and terminolgy, this book goes into detail on components, prototyping, backward designing, etc. Projects include a pulse detector, add-on power supply, home electrical and lighting control, 3 channel appliance controller, tape recorder controller, Analog to Digital controller, weather station with moisture, wind, and temperature sensors, and more. Learn about speech synthesis and robotics applications for the TS2068. Construct special purpose I/O ports. Really an excellent book for TS2068 enthusiasts. Order your's today!

340-336 2068 Tinkering Book 1 lb. 5.95

TS2068 Critical Mass

Spacey, Futuristic Sci-Fi Adventure

Aliens take over the Anti-Matter Conversion Plant on a colonized asteroid and threaten to self-destruct it if the colonists don't surrender. Your mission (should you decide to accept it!) is to infiltrate and disable the plant before it can achieve *Critical Mass!*

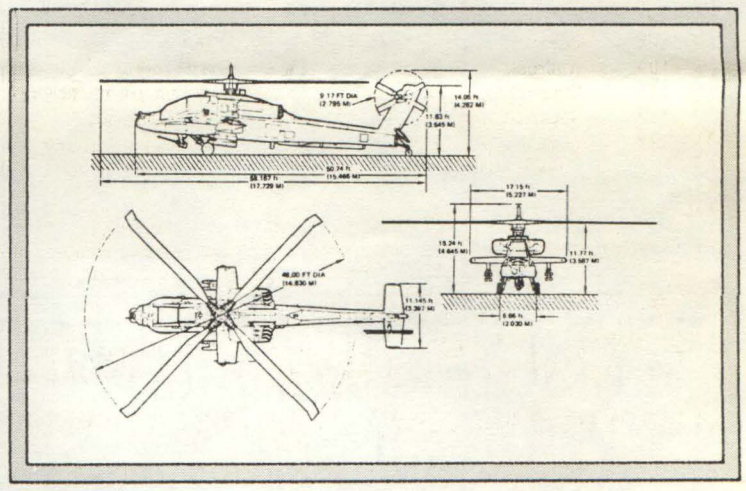
343-701 2068 Critical Mass 1 lb. $15.95

True Helicopter Flight Characteristics

Blue Thunder Flight Simulator

by Eben Brown

Believe it or not, there really is an attack helicopter like the "Blue Thunder" of movie fame. It's called the AH-64A Apache and it's got to be the most awesome fighting helicopter ever built. You can learn to fly the Apache with our new 2068 TOMAHAWK flight simulator. You can even use two joysticks (one for each hand) for realistic cyclic/collective helicopter control! Once your rotors are up to RPM, adjust rotor pitch to lift off. Then, put the nose down and your Apache starts gaining forward speed. The realistic engine sound and warning beepers are great. Even better is watching the ground pass beneath. As you lock onto a target, you can fire anti-tank missles, 30mm chain gun/cannon, or 70 mm rockets. 5 levels of expertise are allowed including ground fire and air to air combat.

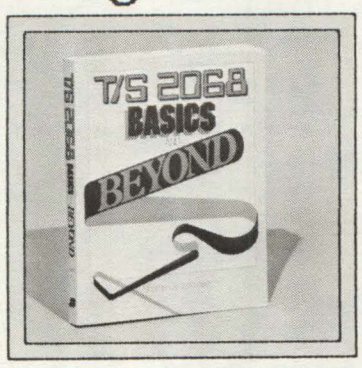


If you're a flying nut (like me!) you'll just go wild over this simulator. Don't delay...order today!

343-700 2068 TOMAHAWK Sim. 1 lb. $16.95

New Book

120 TS2068 Programs



Over 120 demo, game, and utility programs for new and experienced programmers alike. Perform complex math, make music and sound effects, create graphics in 100 colors, coordinate sound and graphics. This combination program and instruction book takes you into stuff you've only dreamed of knowing. If you've been looking for something good to read about TS2068 programming, this is the book to buy!

340-555 2068 Basic & Beyond 1 lb. 5.95

Smash Hit Best Seller!

TiMachine Converts 2068 BASIC to Machine Code... Easy

We advertised TiMachine in our Fall catalog and the results are in: It's a smashing success! We sold out several times and customers wrote and called to sing it's praises. Why? Because, in scant seconds, the TiMachine 2068 BASIC compiler takes regular BASIC and compiles it into lightning fast machine code. Your compiled programs will run up to 200 times faster.

How do you do it? At the beginning of a BASIC program, you insert the command: REM ! OPEN#. You RUN the program to be sure it has no bugs. Then you enter *C and the BASIC begins compiling. It only takes a few seconds and then a display on the screen gives you loading and saving information.

Unlike other 2068 compilers, TiMachine handles floating decimal point operations like SIN, COS, and TAN. Compiled code can be located anywhere in RAM you want... even where TiMachine normally resides! Other compilers use a single block of routines ("runtimes") which compiled code draws from. TiMachine customizes it's runtimes to just what your program needs. They take up less memory and your code runs faster. TiMachine itself only takes up about 11K of RAM and it will compile 2068 BASIC programs up to 27K in length.

Some compilers have so many limitations it's hardly worth using them. TiMachines limitations seem only to be in commands you'd prefer to have in BASIC anyway. For example the I/O commands (LOAD, SAVE, VERIFY,etc.). It's prefered to keep these in BASIC so that users can easily modify them to fit various I/O devices (disks, mikrodrives, printers, etc.) When such commands are in a BASIC program, you just compile everything else to machine code and leave those commands in BASIC.

TiMachine 2068 is the one compiler you will be thrilled with. It really works and it doesn't take a genius to figure it out. Enter the world of 2068 machine code... order today!

410-910 TiMachine 2068 1 lb. $19.95
(Cassette Includes Spectrum Version)

Graphics

PictaScan™ & G. Software

Use The Graphics Software We Use!

PC-PaintBrush

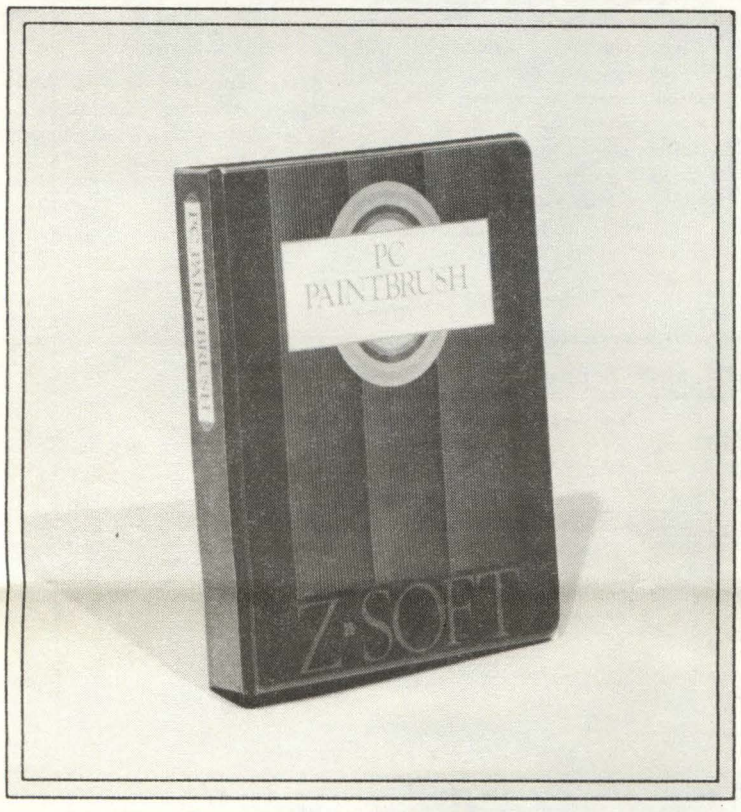
Mouse, Joystick Controlled, Paint Software

by Eben Brown

Choose the original "Paint" program for the IBM PC and you won't be sorry. On your screen, you'll see a window with graphics tools on the side and fill patterns on the bottom. You use a mouse, joystick, digitizer pad, or your keyboard to create beautiful black and white or color graphics screens. Once created, you can save these screens on disk for later use in other applications... such as Desk Top Publishing. The original PC PaintBrush™ program is more than adequate for most graphics applications. It's compatible with the common and high resolution displays. But, a new PaintBrush "Plus" version is now available and offers a few more features: For one thing, Plus supports large image cut and paste... you can put together something bigger than a screen size file. It supports higher levels of hardware, too: Laser Printers, High Resolution (24 pin) dot matrix printers, a few commercial scanners (drivers built in), etc.... about 50% more hardware than the original PaintBrush.

Choose original PaintBrush™ or PaintBrush Plus™ and you'll have great graphics and a program that for sure works with PC-PictaScan™. Both have FRIEZE™, a screen capture utility that saves PictaScan™ screens in PaintBrush™ file format... probably the most compatible graphic format in the world.

245-200	PC PaintBrush 2 lb.
List $95.00	**Our Price $74.95**
245-201	PC PaintBrush Plus 2 lb.
List $149.95	**Our Price $129.95**



PictaScan™ Samples

These Images Were Scanned With PC-PictaScan™ and Printed With a VP-160

E. ARTHUR BROWN Company

Make A Scanner Out of Your Printer!

Low Cost, Printer Mounted Scanner

Image Capturing Device for IBM PC/HT/AT and Compatibles

Image Capturing Device for IBM PC A Boon to Desktop Publishing, FAX Applications, and Graphics Lovers!

by Eben Brown

Can you translate paper images into your computer for less than $150? Yes! Our new PC-PictaScan™ is a revolutionary image digitizer that works with the IBM PC/XT/AT (and compatibles) and your printer. Attach the PC PictaScan™ to your printer head and plug it into your serial port. Then roll a photograph, line drawing, halftone, logo, graph, newspaper clipping,... or any other image through the platten. PC PictaScan™ will automatically drive the paperfeed and printhead to scan and digitize the image. Contrast and gray scale synthesis are adjustable to maximize the image quality. You can even set PC PictaScan™ to magnify your scanned image from 1-9 times normal!

PC PictaScan™ was designed for us by that wizard at Minny Electronics, Orrin McGill. His concept costs less than $150 yet gives image capturing results of scanners costing $2,000-$40,000!

Printer Compatibility

Current printer drivers with PC-PictaScan™ support the Epson FX80, FX85, FX100, FX185, LX80, RX80, and our own VP160. Each printer takes a special mounting bracket so, BE SURE TO SPECIFY YOUR PRINTER WHEN ORDERING. Other drivers and mounts are being completed as fast as we can do them. If you don't see one for your printer above, call us... we may have it by the time you get this catalog. If we don't have it, we'll be happy to make you up a custom mount and driver at no extra charge. You'll have to part with your printer for about three weeks for this service. Those with printers we support can be up and scanning as soon as their PC-PictaScan™ arrives!

Resolution

The PC-PictaScan™ driver software supports the CGA (640X200) standard. In terms of "dots-per-inch" (dpi) we could feed you alot of hype because it's something you can play around with to get better results. For example, if you scan something at 5X magnification and then reduce it 5X at printout, a 75 dpi screen image will produce a 375 dpi printout! Our sensor component is capable of picking up 100 dpi... which you can enhance as above within the limits of screen and printer resolution.

Levels of Gray Tone

PC-PictaScan™ has a gray scale synthesizer that analyzes gray tones, makes a decision on their intensity, and translates them into a ratio of black and white dots. The sample of the "Pretty Girl" scan is probably your best example of gray tone capabilities with PC-PictaScan™. Other scanners define their grays into a set number of intensities and then assign an intensity value to each dot scanned. On display, it amounts to placing a black dot on every pixel with a gray value higher than "X". PC-PictaScan™ however, uses a mechanical tuner for contrast and gray scale. This amounts to an infinitely adjustable sensitivity. So, we can't give you a set *number* of gray tones it will support.

Software Compatibility

We've taken an approach to graphics software which should guarantee compatibility with everything. It appears that all PC compatible graphics programs have screen capture utilities. By using these utilities to capture a PC-PictaScan™ image, you make that image compatible with your graphics file format. We use PC Paintbrush™ with Frieze™. I understand Dr. Halo™ and PC Paint™ also work. And, we haven't had any customers report incompatibilities with anything else.

Scanning Speed

Keeping in mind that it costs less than $150, PC PictaScan™ gives respectable scanning speed. It scans things a screen at a time and takes about 3 minutes to scan to a 640 X 200 screen. A letter sized page takes about 4 scans. So, you're looking at about 12 minutes of scanning time not including file saving between scans.

Capabilities & Applications

PC PictaScan™ is an image capture device. It captures images as graphics for use in desktop publishing, CAD, or other graphics applications. It is not a "READER" in that it doesn't understand text as data.

Free Ten Day Trial*

We offer a 10 day trial period on all of our hardware products. If you're not satisfied with PC-PictaScan™, you can return it in LIKE-NEW-CONDITION for a refund of the purchase price. In addition, we offer a full year replacement warranty.

Order Now!

We've been selling out every production run before taking delivery. So, we're filling orders on a first come-first served basis. If we're out of stock when you order, remember that Credit card and COD orders are *never* charged until we ship. And, we ship as fast as we can get inventory. PC-PictaScan™ is a scanner everyone can afford! You risk nothing because you can send it back if you don't like it (10 day trial). Take a look at the sample scans in this catalog. You can be doing the very same things with your own PC/XT/AT compatible. For fun or serious applications... there's nothing like PC-PictaScan™! When ordering, remember to SPECIFY YOUR PRINTER SO WE CAN SHIP THE CORRECT MOUNTING BRACKET.

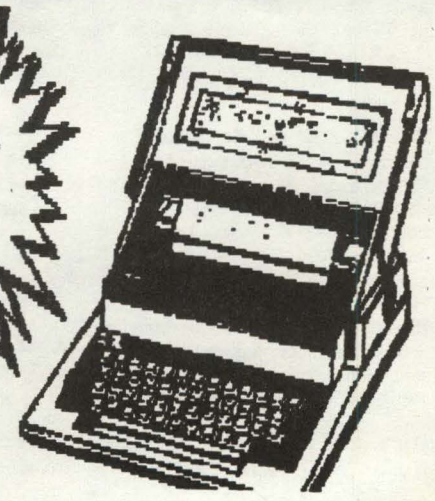
Dealer Inquiries Are Welcome!

220-400 PC PictaScan™ (IBM PC) 2 lb. $149.95
(Includes Complete Scanner Device, Cable, printer driver software on disk, one mounting bracket of your choice, and operating manual.)

220-401 Extra Mount. Bracket 1 lb. $6.95
(Specify Printer)

*See "10 Day Trial Conditions" on page 2

over 40,000 sold!



An Insider's Guide to Modems and Telecomputing

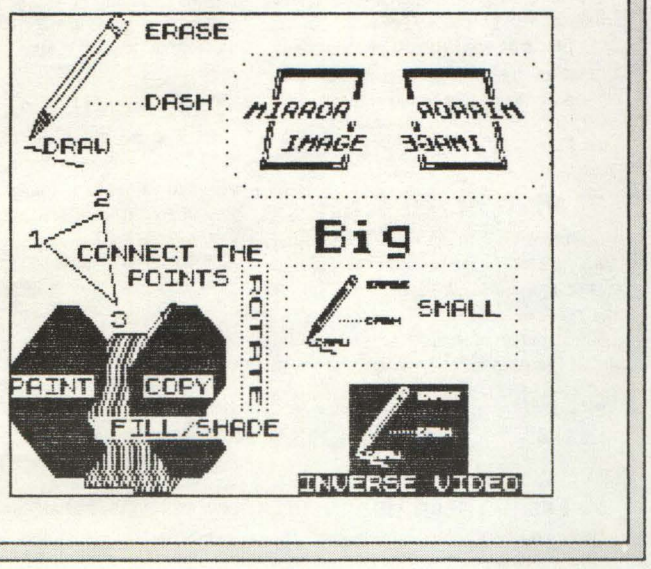
Graphics

PictaScan™ & G. Software

TS2068 Owners

Take The Lemke Graphic Challenge!

A Feature By Feature Comparison of TS2068 Graphics Software...Plus a Freebie!



by Eben Brown

Stan Lemke wants you to know the facts about the available graphic programs for the Timex 2068! He thinks his is better and sent me a comparison chart to prove his point. In addition, he has sweetened the deal by including a freebie!

Now, we've been selling Stan's *Pixel II Sketch and Graphics Editor* (PS/GE v2.0) along side *Tech Draw Junior* and *Artworx* for some time now. All three are excellent programs. Many customers have called to ask which would be best for them.

I can't play favorites, but Stan's comparison chart should give you an idea of the various functions/features available and help you make a decision. Stan mentioned that his *Pixel II* doesn't have multiple brush shapes while *Artworx* and *Techdraw* do. Otherwise, the chart is accurate and complete to the best of my knowledge.

So, What's The FREEBIE?

It's a program called Poly-Scroll and Stan designed it for our continuous display at the Midwest TS Computerfest last year. It uses the alternate display file to display one screen while it's loading another...giving a continuous slide show. You get a type-it-yourself listing of this presentation utility free when you buy Pixel II!

Freebies aside, you can't go wrong with any of our graphics programs. But, if you can tell from the chart that *Pixel II Sketch and Graphics Editor* is for you, Order a copy today!

338-900 Pixel II Graphics 1 lb. $19.95

"...sophisticated editing functions surpass those of other TS2068 graphics programs... My joystick finally has something to do besides playing games." *-Time Designs Magazine*

"...PS/GE is simple to understand, very user friendly, and overall a great graphics program." *-TS Horizons*

TS 2068 Graphics Programs. How do they stack up?

FUNCTION:	Tech Draw	Artworx	PS/GE v2.0
FREE-HAND DRAW	Y	Y	Y
FREE-HAND ERASE	Y	Y	Y
CURSOR SPEEDS	1	2	2
PAINT FUNCTION	Y	Y	Y
FILL PATTERNS	35	1	255
CONNECT-THE-POINTS	Y	Y	Y
DRAW LINE (delta X,Y pixels)	N	N	Y
DRAW ARC	N	Y	Y
CIRCLE	Y	Y	Y
DISPLAY X,Y COORD.	N	N	Y
WINDOW FUNCTIONS:			
WINDOW SIZE:	N/A	PART SCREEN	FULL SCREEN
INVERSE	N	N	Y
ENLARGE	N	Y	Y
SHRINK	N	Y	Y
ROTATE	N	Y	Y
COPY	N	Y	Y
ERASE	N	Y	Y
MIRROR IMAGE	N	Y	Y
DIGITIZE	N	N	Y
MERGE 2 SCREENS	N	N	Y
OOPS!/UN-DO	Y	Y	Y
INPUT/OUTPUT:			
SAVE SCREEN	Y	Y	Y
LOAD SCREEN	Y	Y	Y
2040 PRINTER	Y	Y	Y
TASMAN CPI	Y	Y	Y*
AERCO CPI	Y	N	Y*
OLIGER CPI	Y	N	Y*
A&J CPI	Y	N	Y*
COLORS:			
PAPER (number of)	1	8	8
INK (number of)	1	8	8
FLASH	N	Y	Y
BRIGHT	N	Y	Y
TEXT FUNCTIONS:			
NUMBER OF FONTS	3	4	5+**
NUMBER OF VERT. LOC	176	22	176
VIDEO MODES:			
32 COLUMN (Std.)	Y	Y	Y
64 COLUMN (Hi Res.)	N	N	Y***
EXTENDED COLOR	N	N	Y***

* Full Size Printers like EPSON and STAR can create up to 12 different sizes of printouts. Page can be located on the paper... left - center - right (any column.)

** Standard, Bold, Italics, Modern, Chancery Script + LOAD your own Font... w/Bold-Chancery, Bold-Italics...

*** Advanced Video Mode Operations:
64 Column Hi Res. does not support all the functions of the 32 column video modes.
Extended Color mode produces 8 times the color of the Std. 32 column video mode.

The Choice is your!

TS2068 ArtWorx

This full color graphic software for the 2068 features a drop-down menu at the click of your joystick fire button and multiple brush shapes. Please refer to the 2068 Graphic Software comparison chart for other features. 2068 ArtWorx includes a Gallery program for slide-show type graphics presentations.

410-900 ArtWorx (2068) 1 lb. 19.95

TS2068 Tech Draw

This black and white TS2068 graphics software is very similar to MacPaint™ on the Macintosh™ computer. In addition to having multiple brush shapes, it's other features are listed in the 2068 Graphic Software chart in this section. You need a joystick to use this software.

340-901 Tech Draw Jr.(TS2068) 1 lb. $19.95

Epyx 500XJ Joysticks $15

For Graphics or Games

Our "2-Fer" Price Beats All Others!

by Eben Brown

These Epyx 500XJ Joysticks really feel and function as well as they look! The base is curved and indented to fit the palm and fingers of your hand. The trigger is placed right where it should be...under your trigger finger. And, the stick incorporates unique shaft switches that let you feel and hear it's every move.

We're cutting profits to the bone to make these excellent joysticks affordable.

100-450 500XJ Joystick (one) 1 lb. $19.95
List $24.95 Our Price 2/$29.95

(Atari Compatible, works with Commodore 64/128/Vic, Timex 2068/Spectrum, Sears and Atari compatible arcade games)

ST Hardware

RAM, Mouse Ball, Clock Cartridge...

Easy To Install, Easy To Upgrade... Up to 4 Megabytes!

Solderless, 1-4 Meg ST RAM Upgrade

Install the Only Upgradeable RAM Board and Futurize Your 520ST!

by Eben Brown

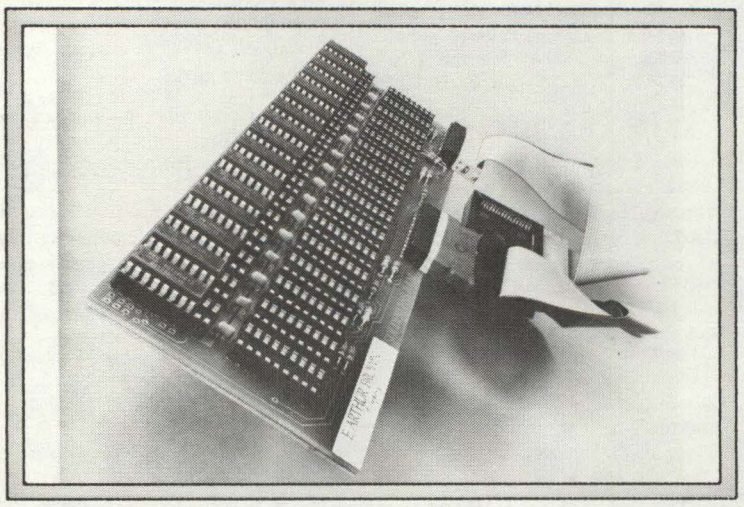
I personally installed the first production model of our 1-4 Megabyte Solderless™ RAM for the Atari 520ST and it went perfectly. The installation is a breeze! (All you do is plug it in). Once installed, you just turn your ST on and it automatically sets itself for the increased memory! Just take a look the features of this excellent memory upgrade!

Solderless™ Installation

No tricky soldering, jumper cutting*, chip piggy backing, or complicated wiring is necessary. Just open the 520ST case, remove the MMU chip, plug in the Solderless™RAM connectors, replace the MMU chip, and reassemble the 520ST case. That's all there is to it. It only takes about 10-15 minutes! Do it yourself, have your dealer do it, or we'll do it for you ($30 installation charge).

1-4 Megabyte Upgradeable

You aren't stuck with 1 megabyte now and you don't have to buy another memory board in the future. The Solderless™ RAM has 32 sockets for more memory when you need it. When the original one megabyte isn't enough, upgrade to 2.5 megabytes by adding sixteen 1 Meg RAM chips. When that's not enough, upgrade to 4 megabytes by replacing the 256K RAM chips with 1 Meg RAM chips.



Laser Printers, RAM Disks, Etc.

The future of ST computing holds alot of powerful applications for those with *upgradeable* memory. The price of laser printers will soon be within everyone's reach. You'll need megabytes of memory to fully utilize this technology. High Resolution Graphics are also very memory consuming. And don't forget the speed and convenience of RAM disks! The Solderless™ RAM is upgradeable to 4 megabytes... *by just adding more chips!* That's enough to handle laser printers, graphics and RAM disks all at once.

Reasonably Priced!

At $199.95, the Solderless™ RAM gives you *8 times the potential power of your original $800 ST computer system!* It's clean, well thought out design and construction makes for simple installation and easy operation. This is no back-room, Rube Goldberg device!

One Year Warranty

You're completely covered against defects in parts and labor...we'll replace or repair any part or parts of your Solderless™ RAM which are demonstrated to be defective within one year from your date of purchase.

Satisfaction Guaranteed

Install the Solderless™ RAM and use it for 10 days** in your own 520ST. If you're not completely satisfied, you're welcome to return it for a complete refund of your purchase price. We're that confident you'll like it!

Solderless™ RAM... the original *upgradeable* upgrade. 520ST owners are snapping them up as fast as we can build them. Why not get one for *your* ST? Order today!

330-400 Solderless RAM (ST) 3 lb. $199.95

*Some minor jumper cuts are necessary on the Solderless™RAM board (not your ST board) for full expansion to 4 megabytes.

**10 day trial conditions listed under "Ordering Information" on page 2.

Your Monochrome System Is Color-able!

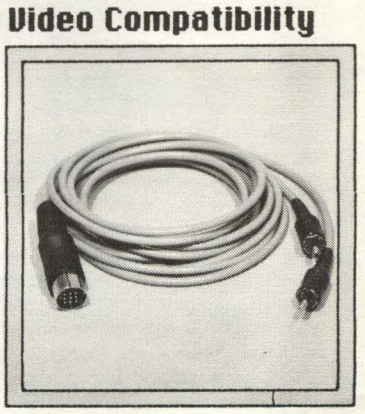
Connect Your ST To CompositeMonitors

Gives Complete Audio & Video Compatibility

Our new ST Composite Video Cable lets you connect your ST to standard color or monochrome monitors. It works in medium and low resolution mode to give you an inexpensive alternative viewing method. Just plug it into your standard ST monitor port. Then connect the standard RCA-type connectors to composite video and audio ports on any standard composite monitor. Viola! You now have an alternative! Those of you with monochrome systems will like this cable for color games and graphics!

Dealer Inquiries Welcome!

127-400 ST Composite Cable 1 lb. $19.95



ST Software

Games, Utilities, etc... Discounts

Here's An Offer You Just Can't Refuse!

Take 40% Off On Michtron Software

All Genuine, Brand New Titles in Brand New Packages... *So* Low Priced!

by Eben Brown

We worked our best deal on famous Michtron ST Software... and we're passing the savings on to you! Each of these ST software selections is original brand new Michtron stock. The same as you'd normally pay full price for. But, you get a *40% discount* when you buy it from E. Arthur Brown Company! You don't have to do without these great programs any longer... *Order Today!*

ST 8 Ball (Billiards!)

Play everyone's favorite "8 Ball" billiards game on your ST. Realistic graphics, sound, and action. Pick 5 different rule sets, play 1 or two players. Help and "UNDO" options. Runs on color or monochrome.

250-730 ST 8 Ball Billiards Game 1 lb.
List 29.95 **Our Price 17.95**

ST Disk Utilities

Repair damaged disks, restore killed files, modify disk memory, save screens to disk, code and verify individual sectors, format individual tracks, recover data from damaged disks... and more.

250-300 ST Disk Utilities 1 lb.
List 59.95 **Our Price 35.95**

ST Trivia Challenge

Play trivia on your ST! Contains 4000 questions from bizarre to informative and educational. Betting and limited time to answer add to the challenge! Works on Color or Monochrome.

250-740 ST Trivia Challenge 1 lb.
List 39.95 **Our Price 23.95**

ST Financial Future

You *can* get control of your finances with this complete system! Gives projections of income, investment yield, life expectancy, inflation factors, leasing, loan amortization, Net Worth, IRAs of several types,... even gives printer reports. Everything's so comlicated these days. Put ST Financial Future in your corner and accumulate wealth!

250-200 ST Financial Future 1 lb.
List 39.95 **Our Price 23.95**

ST Pinball Factory(color)

Classic Pinball with fresh angles only the computer can offer. Changeable board... walls, barriers, flippers, bumpers. Use non-solid colors to define board logos. Alter rules, gravity, bounce, bumper strength. Great fun!

250-735 ST Pinball Factory (color) 1 lb.
List 39.95 **Our Price 23.95**

Introduction to ST LOGO

Includes both ST Logo language and ST Logo Tutorial programs. Easy, progressive learning shows you the true sophistication of LOGO. On disk reference section gets you started fast.

250-100 Introduction to ST LOGO 1 lb.
List 29.95 **Our Price 17.95**

ST R.A.I.D. Debugger

New debugging system including mini-assembler and disassembler, full screen editing, symbolic definitions display for viewing complex M.L. and C programs. Other features: Tracer, COPY, FILL, MOVE, Resettable Break Points, two screen displays isolate programming from debugging. Color or Mono.

250-930 ST RAID Debugger 1 lb.
List 39.95 **Our Price 23.95**

ST GFA BASIC Compiler

Fast, 2-pass compiler converts GFA BASIC programs to compact, faster running Machine Language (no runtime module). Simple to operate. Requires GFA BASIC Interpreter.

250-940 ST GFA BASIC Compiler 1 lb.
List 79.95 **Our Price 47.95**

BBS 2.0 Bulletin Board

Completely re-written to include multitasking, new bulletin language, new download listing, new Sysop section (uses GEM), support for Kermit, and question and answer support. Same system Atari and other manufacturers use for their own BBS!

250-375 Michtron ST BBS Ver 2 1 lb.
List $79.95 **Our Price 47.95**

ST Mighty Mail

Assemble, maintain, sort mailing lists. Simple set up, easy input screen, prints custom laid out labels, full sized reports. Up to 16 different flags (record codes) allowed. SSDD floppy holds up to 1400 records, HD up to 65,000. Written with C and *Easy Record* for fast execution and organized file maintenance.

250-800 ST Mighty Mail
List 49.95 **Our Price 29.95**

ST ALT (Key Definer)

Redefine all 36 possible ALT keys to cut down on typing redundant phrases and formulas. Converts whole strings of keystrokes into simple ALT key functions. Works from GEM desktop.

250-600 Michtron ST ALT Utility 1 lb.
List 29.95 **Our Price 17.95**

ST Animator

Use with NEO or Degas to draw and animate 3-D graphics. Presents up to 256 objects at once and 1024 individual animation frames! Great for business presentations or just fun graphics!

250-650 ST Animator 1 lb.
List 39.95 **Our Price 23.95**

ST Mi-Term 4.0 Terminal

Almost a total re-write of the original with macro based language giving power and simplicity. Powerful? This is the only GEM based ST terminal program capable of handling up to 4800 baud! Features error-free DFT, Xmodem, and ASCII file transfers.

250-660 ST Mi-Term (ver 4) 1 lb.
List 49.95 **Our Price 29.95**

M-Cache Speed Enhancer

Speeds up your ST by putting recently accesed disk sectors into RAM. Cuts disk search and access time for programs, files, documents and directories. Easy to install with user-definable size. Real handy with our Solderless™ RAM or with basic 512K memory.

250-410 ST M-Cache Speed Enhancer 1 lb.
List 39.95 **Our Price 23.95**

ST DOS Shell

Gives MS-DOS style command format to your Atari ST. Makes handling many programs and files easier. Runs much faster than GEM, gives versatile access. Includes Batch file capability, DIR, Path, Tree, TYPE, and many more MS-DOS style commands.

250-910 ST DOS Shell 1 lb.
List 39.95 **Our Price 23.95**

ST Easy Record Utility

Handles file operations for C programmers. Sorts, maintains, updates, creates, clones, deletes, inserts, and more. Works with popular C compilers.

250-605 ST Easy Record Utility 1 lb.
List 79.95 **Our Price 47.95**

ST KISSED Utility

Keith's Interactive Self Relocating Screen Editor and Debugger. More than 40 editing commands. Full screen editing, Multiple pass break points, trace and execute options, assembler/disassembler, screen isolation, dynamic relocation, keyboard escape, system isolation and more.

250-503 ST KISSED Utility 1 lb.
List 39.95 **Our Price 23.95**

GFA BASIC Interpreter

Fast, accurate, *structured* language is compact, high speed interpreter. Runs BASIC programs as fast as compiled Pascal! Easy to learn GEM based programming in familiar BASIC lingo!

250-920 ST GFA BASIC Interpreter 1 lb.
List 79.95 **Our Price 47.95**

Cornerman

Similar to but more sophisticated than Borland's Sidekick™ on the IBM PC. Puts an ASCII table, digital or analog clock, note pad, phone book, auto dialer, phone log, and more into your ST desktop utility.

250-700 ST Cornerman 1 lb.
List 49.95 **Our Price 29.95**

ST TRIMbase (database)

A relational ST database. Allows cross file interactions including exchange of data with other ST applications software. Custom reports from business or personal files. New this year!

250-810 ST TRIMbase 1 lb.
List 99.95 **Our Price 59.95**

ST GFA Draft (CAD)

Efficient, 2D CAD creates circuits, true *scaled* drawings, and detailed plans. GEM based, w/255 drawing layers (use up to 10 at once), prints or plots in colors or densities, allows definable "symbols", two styles of variable sized/directioned text. Allows measuring, enlarging, reducing, rotating and more. The ST CAD program you've been waiting for! Color or Monochrome.

250-925 ST GFA Draft (CAD) 1 lb.
List 99.95 **Our Price 59.95**

Time Bandit (Color Only)

The Top ST game on CSS's hot list. Battle the evil guardians and escape with the valuable artifacts. 16 levels of play in 16 different settings. Over 3,000 screens of graphics!

250-720 ST Time Bandit (color) 1 lb.
List 39.95 **Our Price 23.95**

ST M-Disk RAM/Spooler

Set up a RAM disk and a print spooler with your extra RAM. Fastest disk possible and no more delays waiting for printouts. Especially handy with our Solderless™ RAM!

250-400 ST M-Disk RAM/Spooler 1 lb.
List 39.95 **Our Price 23.95**

ST/HD Backup! Utility

A MUST hard disk utility! Backs up entire HD or only recent changes. Backs up to floppies. Restores files in the event of HD accident. File or Image, hidden or system files. Optional disk segmentation for more than one disk size files. You spent alot on your Hard Disk. Spend a little (so little) more to assure adequate data back-ups.

250-900 ST/HD Backup! Utility 1 lb.
List 39.93 **Our Price 23.95**

ST Calendar

A complete appointment and reminder system... accessible from your desktop. Keeps track of appointments, special dates... even notifies you with alarms. Installs on work disk.

250-611 ST Calendar 1 lb.
List 29.95 **Our Price 17.95**

ST Cards (5 Games)

Includes Solitaire, Klondike, Poker Squares, Cribbage, and Blackjack. (My favorite is Cribbage!) Excellent graphics, hard to beat... the computer makes no mistakes! Hours of fun!

250-510 ST Cards (color/mono) 1 lb.
List 39.95 **Our Price 23.95**

ST D.F.T. Utility

Gives file transfer compatibility between IBM PC and Atari ST. Includes directions for null modem cable. Handles text or program files... all controled through ST keyboard.

250-380 ST DFT Utility 1 lb.
List 49.95 **Our Price 29.95**

ST Flip Side

More challenging than checkers without the complexity of chess. Object is to trap opponent and flip his pieces to your color. Animated, colorful graphics. One or two players or watch the computer play itself. In play HELP options. Adjustable game speed. Six levels.

250-730 ST Flip Side (color/mono) 1 lb.
List 29.95 **Our Price 17.95**

ST Major Motion

Free the land from the Draconian League! Fight deadly foes without hurting innocent civilians. Use special weapons, drive a variety of road conditions, glide down treachurous rivers. Detailed graphics and thrilling music!

250-507 ST Major Motion 1 lb.
List 39.95 **Our Price 23.95**

ST Lands of Havoc

Over 2000 screens! Arcade styled adventure game. Object is to free the land from havoc's reign.

250-505 ST Lands of Havoc 1 lb.
List 19.95 **Our Price 11.95**

Easy Up Your ST(or LDW) BASIC

ST BASIC Programmer's Kit

Do The Tricky Stuff With Simple Commands

by Eben Brown

ST BASIC is great, BUT... Many of it's more powerful capabilities are either inaccessible or too complex. Our new ST BASIC Programmer's Kit (STBPK) reduces these powerful but intricate functions to single commands. For example, you can now include Alert Boxes and File Selector Boxes in your BASIC programs! STBPK graphics will give your programs a better GEM appearance and function. Simple commands allow you to check and program mouse positioning, assign poly markers, and easily modify text size and style. You can even access all 512 colors with simple commands!

What STBPK does is pretty straightforward: Many of the most advanced features of ST BASIC are only accessible through intricate PEEK and POKE operations. STBPK puts these into subroutines that are called up by a single plain English command word. There are over 100 of these subroutines included as well as 8 complete demo programs... showing how you can use STBPK in music, utilities, graphics, and games.

In addition, ST BASIC Programmer's Kit is compatible with the LDW BASIC compiler. So, you can write programs with the simplicity of ST BASIC and STBPK and then compile them into elegant, compact, high speed machine code! Don't do without our ST BASIC Programmer's Kit any longer! Order your's today!

411-900 ST BASIC Prog. Kit 1 lb. $24.95

Convert ST BASIC To Fast Machine Code!

You Don't Have To Learn M.C. To Write It!

Our LDW BASIC compiler is the only one I know of that works with the ST BASIC that comes with Atari ST computers. It's a top notch utility that readily compiles your ST BASIC programs into fast, compact machine code. You don't have to learn machine code to use it either! Write your ST BASIC programs as you normally would. Then, use LDW BASIC Compiler to machine code 'em! Haven't your programs done without machine code long enough? Order Today!

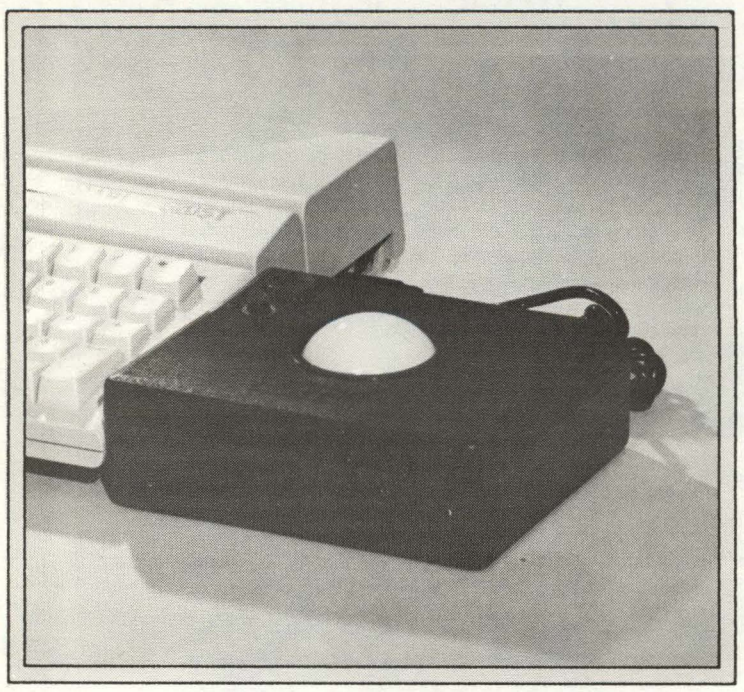
400-900 LDW BASIC Compiler (ST) 1 lb.
List 69.95 **Our Price 59.95**

ST Hardware

RAM, Mouse Ball, Clock Cartridge...

Replace Your Mouse With Our ST Mouse Ball

Stationary, Saves Deskspace, Lessens Clutter



by Eben Brown

Our new ST Mouse Ball input device will make your applications smoother and your desk less cluttered. It works like this: You plug the Mouse Ball into your mouse port and load a program. Then, instead of sliding the ST mouse around, you just roll the Mouse Ball. The ball rolls within it's holder and sensors pick up every movement. Roll it up, down, sideays, or diagonally and your cursor or game character moves in those directions on your screen.

Our Mouse Ball sits right on the desk next to your keyboard and only requires one hand to operate. It has two buttons like your mouse, but it doesn't require moving space like your mouse.

Use your new Mouse Ball with any Atari ST program or game. It's built to industrial standards to last and last. Order your's today!

340-400 ST Mouse Ball 3 lb. $29.95

Look What We Found Stashed In Our Warehouse:

Annual EAB Garage Sale Blowout!

Big Savings On Trial, Over Stocked, and Discontinued Items for All Computers. Don't Miss Out

by Eben Brown

Sometimes I think I've become a pack rat! This year at inventory time I got to looking around the warehouse and came up with a bunch of good merchandise that we no longer promote. It's doing no one any good here, so I decided to sell it all at below cost prices!

The prices are so low, it's not worth the effort to organize it all. So, you'll have to sort through it just like a real "Garage Sale." But, if you're willing to look through it all, our price should make it worth your effort. If not, we're open to offers! Everything should be in good working condition unless otherwise noted. Please note that all sales are final.

Item	On Hand Quantity	Price Each
TS2068 w/ Lo Profile Keyboard Some re-assembly needed	1	$49.95
Gorilla Green Screen Monitor(composite)	1	24.95
Cassette Recorder Interface Allow use of standard cassette with Atari and Commodore 64/Vic	2	6.95
Macintosh MegaFiler Data Base (Orig. $195)	1	24.95
Commodore 64 Computer	1	129.95
Voice Master (voice digitizer orig. $100)	1	29.95
System 15000 (Spectrum Comm. Game)	1	5.00
TS2040 Printer (new with odd box)	1	24.95
Fischer Technik C64 Robotics Incl. new interface and building kit (some parts missing)	1	24.95
Fisher Price Spectrum Programs (6 cassettes)	1	9.95
Zebra 2068 Graphics Tablet Incl. Interface	1	24.95
RS232 "Smart Cable"	1	24.95
QuickSilva 2068 Game Collection (15 Cassettes)	1	39.95
Adapta Centronics to RS232 adaptor (and Vice Versa)	1	39.95
Facelift II Epson print enhancer (IBM)	1	9.95
Facelift I Epson print enhancer (Apple II)	3	9.95
7 Misc. ZX81/TS1000 Programs (7 dif cassettes)	1	4.95
C64 Modem	1	24.95
C64 Mouse (NEOS brand)	1	29.95
C64 Dam Busters game	1	5.00
QuickSilva 2068 Aquaplane	1	5.00
C64 Oracle Data Base	1	9.95
TS1000 w/ MK I Keyboard Mounted May need repair...no cables incl.	1	9.95
TS2068 Professional Blackjack	1	5.00
TS2068 Letteriter/Bufferiter (for modem)	1	5.00
Macintosh Fokker Triplane Simulator	1	9.95
Macintosh MegaMerge (Mailmerger)	1	9.95
Mousewrite for Apple IIe and IIc	1	14.95
TS2068 Trader Trilogy	1	5.00
TS2068 Speech Recognition System	1	19.95
TS2068 Night Gunner	1	5.00
TS2068 Art For All Ages	1	5.00
IBM PC Art Studio (paint-type program)	1	14.95
C64 A>Cook Recipe System	1	5.00
IBMPC/Leading Edge "Nutshell" database	1	14.95
Spectrum WafaDrive w/Centronics Cable	1	39.95
C64 Falcon Patrol	1	5.00
Spectrum AMX Mouse	1	14.95
Sinclair ZX Printer (silver paper)	1	19.95
C64 MSD Centronics Interface and cable	1	19.95
2068 32K NV RAM cartridge (prototype)	1	29.95
Clifford Z-Link (cover missing)	1	14.95
2068 Psion Backgammon	1	5.00
2068 Fighter Pilot	1	5.00
Spectrum Arcade Sampler	1	5.00
2068 Bugaboo	1	5.00
2068 Trashman	1	5.00
2068 Pinball	1	5.00
2068 Laserzone	1	5.00
PC Planetarium (IBM PC)	1	5.00
2068 Machine Code Tutor	1	9.95
Video Command Keypad (Push Button Joystick)	4	5.00
Static Dissipator Touch Pad	8	1.00
2068 Wafer Test Program	3	5.00
MMRY-REZ Advanced Graphics Software	1	5.00
Tasman type "C" Printer Interface (2068)	4	24.95
2068 Musicola	3	3.00
Macintosh Willwriter	1	9.95
Apple/IBM PC Willwriter	2	9.95
C64 Willwriter	2	9.95
Cassette Head Demagnetizer	2	9.95
The Model Diet (Apple II)	1	5.00
Spectrum Caretaker (Maint Kit)	1	5.00
Spectrum Monitor	1	5.00
Spectrum Assembler	1	5.00
Spectrum Supercode III	1	5.00
Spectrum Bear Bovver	1	3.00
Spectrum Velnor's Lair	1	3.00
Spectrum Super Spy	1	3.00
Spectrum Air Traffic Control	4	3.00
Spectrum Ghost Busters	5	3.00
Spectrum Fighter Pilot	4	3.00
Spectrum NATO Alert	4	3.00
Spectrum Boxing	2	3.00
Computer Cassette Interface (TSComputers)	8	4.95
Joystick Interface (for 2068 Romswitch)	3	4.95
Textwriter 2000	2	5.00
Tasword 1000	7	5.00
Tascopy 2068	1	3.00
Tasman RS232 Interface	1	24.95
2068 Androids Cartridge	5	10.00
2068 Budgeter Cartridge	5	10.00
MasterFile (Spectrum)	2	5.00
ST CAD-3D	2	14.95
ST A-RAM	1	11.95
ST Disk Doctor	1	17.95
ST Flash Terminal	1	23.95
ST C.O.L.R. Editor	1	17.95
2068 Rapidfire	12	3.00
OS64 Utilities (requires OS64 Ctg.)	1	3.00
TS1000 Chip Upgrade Kit	3	7.00
Memotext TS1000 on tape	3	5.00
C64 Monitor Cable	2	3.00
OS64 Secretary (Requires OS64 Ctg.)	3	5.00
2068 Greeting Card Designer	1	5.00
TRIO for Apple II (Int. WP, SS, DB)	1	5.00
TS1000 Extended BASIC	10	7.50
TS1000 Planet Finder	6	3.00
TS2068 Planet Finder	10	3.00
Sanyo M-Disk	1	19.95
ST Thunder	1	23.95
ST Brattacus	2	19.95
ST VIP Professional (Spreadsheet)	1	24.95
ST VIP Pro. Lite (Spreadsheet)	1	15.00
Macintosh Executive Office (Orig $200!)	2	19.95
CADPAK 64 (Abacus-C64)	1	14.95
BASIC 64 (Abacus-C64)	1	14.95
Anatomy of the 1541 Disk Drive (Abacus)	1	9.95
TS1000 UPD Software	2	5.00
TS2068 Tasword II Word Proc.	36	5.00
TS2068 Tasprint Fonts	5	5.00
TS2020 Recorder Power Pack	5	5.00
TS2068 Taswide (64 Col. Software)	14	3.00
Spectrum Transylvania Tower	2	3.00
Spectrum Everest Ascent	1	3.00
Spectrum Super Spy	6	3.00
TS2068 Tasmath	7	3.00
Print Pouch (#10 Envelope Feeder)	6	2.00
Print Pouch (Sheet Feeder)	3	2.00
TS2068 Talking Alarm Clock	4	5.00
TS2068 Vu-Calc	1	5.00
TS2068 Quadra Chart	2	5.00
TS2068 Vu-File	3	5.00
TS2068 Vu-3D	7	5.00
Allsop Cassette Head Cleaner	7	5.00
TEAC 60 Min Reel to Reel Cassettes (Chrome Tape)	100	2.50
Seikosha GX100 Printer	1	24.95
12 Oz. Halon Fire Extinguisher	21	5.00
TS1510 Cartridge Player Includes States & Caps Cartridge	1	7.50
Compuserve Starter Kit	8	9.00
GEOS-C64	3	24.95
C-Box Cassette Caddy	4	10.00
TS1000 EPROM Player	24	5.00
Allsop 5.25" Cleaning Kit	5	10.00
Microflame Torch Kit	1	14.95
ZX81 16K RAM	10	9.95
"World's Best Selling" Rain Gauge	18	3.00
TS MikroWafer Kaddy	3	9.95
Mechanical Bird (really flies)	5	3.00
Male (Both Ends) 36 Pin, 6' Centronics Cable	9	5.00

Garage Sale Books... Order Any 3/$10

Title	On Hand Qty
Amstrad Word Processing	1
Using Solar Cells	1
Simulation Techniques On the Sinclair QL	1
Commodore 64 Disk Companion	1
29 Computer Graphics Programs	1
101 Tips and Tricks for the Commodore 64/Vic	1
Memotech (MTX512) Computing	1
Commodore 64 Programmer's Reference Guide	3
The Elementary Commodore 64	1
The ZX81 BASIC Manual (Sinclair Pub.)	1
TS1000 User Manual (Timex Pub.)	1
Programming the TS1000 in BASIC	1
TS2068 User Manual (Timex Pub.)	1
Commodore 64 User's Guide (Commodore Pub.)	1
The Business Computer Guide	1
Mathematics on the Sinclair QL	1
Practical Applications on the Macintosh (EAB Pub.)	Plenty!
The Amiga Handbook	1
The TS1000 Made Simple	1
The C Compendium	1
Expert Systems and Micros	1
Working With GEM on the IBM PC	1
Working with the Atari ST	1
The Atari ST Companion	1
Expert Systems	1
BASIC	1
Memotech MTX Manual (Memotech Pub.)	1
The Working Spectrum	1
49 ZX81 Games	1
The Working Commodore 16	1
Inside the Sinclair QL	7
32 Commodore 64 Programs	1
Maths on the BBC/Electron	1
Music on the BBC Computer	1
Atari Adventures	1
Commodore 64 Programs for Education	1
Business Applications for the Commodore 64	1
Home Applications for the Commodore 64	1
Programmers Printer Reference Manual	1
Commodore 64 Adventures	1
Graphics on the Commodore 64	1
Commodore 64 Machine Code Master	1
Easy to Build Electronics Projects	1
Quick and Easy Electronics Projects	1
Big Blue Seed (IBM PC Construction)	1
Artificial Intelligence on the Macintosh	1
Macintosh Programming Techniques	1
C Wizard's Programming Reference	1
Advanced Graphics with the IBM PC	1
Commodore 64 Graphics and Sound	1
Marketing Your Consulting Services	1
Become a Top Consultant	2
Atari 400/800 Programmer's Reference Guide	1
68000 Principles of Programming	1
Starting On A Shoestring	1
How to Maintain and Service a Small Computer	2
Apple II Circuit Description	1
Build A Robot	2
IBM PC Troubleshooting & Repair Guide	1
Experiments in Artificial Intelligence	1
Pop 11 Language	1
Apple Troubleshooting and Repair Guide	1
Z80 Advanced Interfacing	1
TS1000 Dictionary	12
Commodore 64 Directory (EAB Pub.)	Plenty!
Commodore 64 Word Processing (EAB Pub.)	Plenty!
Timex Sinclair Directory (EAB Pub.)	Plenty!
TS2068 Beginner/Intermediate Guide	Plenty!
TS2068 Intermediate/Advanced Guide	Plenty!

All Garage Sale Purchases Are Final-No Returns

Miscellaneous

Accessories, Books, Software

Now In Our Third U.S. Printing!

Hacker's Handbook

Learn The Inside Tricks of Telecomputing

by Eben Brown

THOUSANDS of satisfied customers can't be wrong. You'll like THE HACKER'S HANDBOOK too! It's received favorable reviews in INFOWORLD, COMPUTER SHOPPER, AHOY!, and several other magazines. We've even started selling THE HACKER'S HANDBOOK through other mail order suppliers... with overwhelming success!

Why has this book done so well? It simply is a VERY GOOD BOOK! Beneath all of the hype and worry about publishing *dangerous information* is a complete study of telecomputing, networking, computer operating systems, and communication protocols. If you're an average computer user, you'll know 10-50 times more about modems and telecomputing after reading THE HACKER'S HANDBOOK.

But this is not to downplay the Hacker tricks it reveals: You'll learn phone, programming, and hardware tricks for zeroing in on unlisted numbers, identifying and analyzing signals with no physical phone tap. You'll see how hackers figure out passwords, access codes, and protocols so they can communicate with unknown remote computers. The famous *Salami, Trapdoor* and *Trojan Horse* techniques are explained. You'll even find out about short wave hacking and packet switched communications.

With over 60,000 sold so far, THE HACKER'S HANDBOOK is definitely a best seller. Our current edition has 169 pages with both U.S. and international technical references. We have the book in stock for immediate delivery, so order today!

Dealer Inquiries Are Welcome!

343-762 Hacker's Handbook 1 lb. $12.95

"...quite interesting...I found it quite valuable... I liked it."
-John C. Dvorak, *InfoWorld*

"...contains information on many subjects hard to find elsewhere."
-*Computer Shopper*

"...a definite must for modem crazed computerists..."
-Bill Ferebee, *TS Horizons*

"THE HACKER'S HANDBOOK...You too can be wanted by the FBI...an exposé..."
-*AHOY! Magazine*

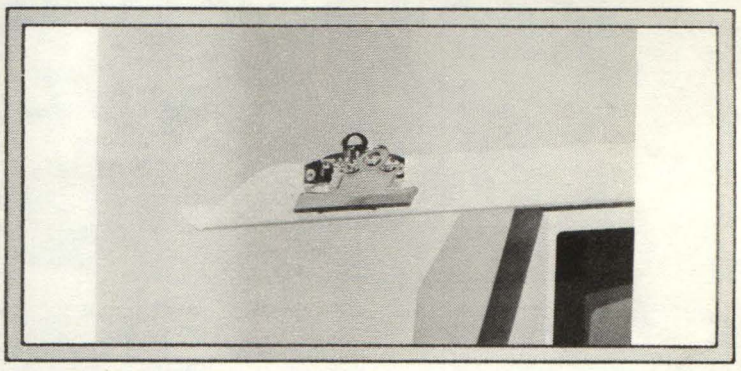
"...a good book...certainly enjoyed it...I do recommend this book..."
-David Baulch, *The Data Expansion*

"...good value, and highly recommended."
-*Commodore User*

Quick-Detachable!

Easyl™ Work Holder

Holds Your Work at Eye/Monitor Level



Our Easyl™ Work Holder is so simple, you'll wonder why no one thought of it before. Attach it to the top of your computer monitor with it's quick-release Velcro™ fastener (included). Then, clip your dictation, outlines, newspaper clippings, paper back book or magazine articles to it. Clip anything to it that you're copying from or refering to. Easyl™ holds your work right next to your monitor for easy-on-the-eyes viewing.

Got a messy desk? Don't worry! Easyl™ suspends your work from above and takes absolutely no desk space! It holds strong, too. We hung a 1 lb. paperback book from it with no problem.

Simple, quality construction lets us guarantee your Easyl™ for a full year against breakage. We individually cut and shape each one from extruded PVC plastic. This makes it strong, yet flexible, and light. It won't scratch your computer or monitor either. A genuine Kaufman Bros. spring steel clip is attached using washer backed rivets for strength and durability. Finally, we apply a generous length of Velcro™ hook and loop tape to give a strong hold with quick detachability.

Available in left or right side mounting versions, and in your choice of brown or white. Order your Easyl™ today!

127-405 Easyl™ Right (white) 1 lb. $9.95
127-406 Easyl™ Left (white) 1 lb. $9.95
127-407 Easyl™ Right (brown) 1 lb. $9.95
127-408 Easyl™ Left (brown) 1 lb. $9.95

Atari ST Clock Cartridge-34.94

by Eben Brown

Plug our new ST TimeKeeper cartridge onto your ST expansion port and you'll never have to set your ST time again. The cartridge has it's own lithium powered clock which you set once from your computer keyboard. Then, you save an automatic look-up program to your work disk. From then on, whenever you boot that work disk, your computer automatically looks up the time on the TimeKeeper cartridge and sets itself. Make full, convenient use of the internal clock on your ST. Order our ST Timekeeper today!

100-510 ST TimeKeeper Clock Cartrdg 2 lb
List $49.95 **Our Price $34.94**

Miscellaneous

Accessories, Books, Software

For IBM PC and Atari ST Computers...

Public Domain Software

User Contributed Programs and Utilities

by Eben Brown

You meet the most interesting people on airplanes! On the plane back from COMDEX I met a scotch drinking, self described "Guru" of computing who said he had some 600 disks of public domain software. Once on the ground, I checked him out and... he's for real! We struck a deal and now all of our customers can have access to his public domain library for a $6/disk copy fee.

For those of you who aren't familiar, public domain software is contibuted or shared by it's authors. They either give it freely or ask that you send a contribution if you like their work. The only stipulation is that you don't go into the commercial business of selling their work (which is why we can only charge a copy fee).

Many of these public domain programs are of a quality rivalling expensive commercial software. Others are just handy utilities and program overlays or templates. There's a fair amount of stuff you won't want or need, too. But for what you pay, you can't go wrong!

Our PC library numbers 600+ disks and our Atari ST library numbers just over 80. Each disk has several utilities, programs, or games. We've compiled diskette based listings of each library... you can scroll through them on your PC or ST. Then, just tell us the numbers of each disk you want duplicated and we'll send them to you for a $6 copy charge.

Find out what public domain has to offer... Order your library listing today!

235-400 PC Library Listing (3 disks) $14.95
236-400 ST Library Listing (2 disks) $14.95

Special Purchase Opportunity

500XJ Joysticks...$15

Epyx 500HJ At A Great "2-Fer" Price

by Eben Brown

These Epyx 500XJ Joysticks really feel and function as well as they look! The base is curved and indented to fit the palm and fingers of your hand. The trigger is placed right where it should be...under your trigger finger. And, the stick incorporates unique shaft switches that let you feel and hear it's every move.

We're cutting profits to the bone to make these excellent joysticks affordable.

100-450 500XJ Joystick (one) 1 lb. $19.95
List $24.95 **Our Price 2/$29.95**
(Atari Compatible, works with Commodore 64/128/Vic, Timex 2068/Spectrum, Sears and Atari compatible arcade games)

Protect Yourself From Electronic

Shock Therapy...$5.95

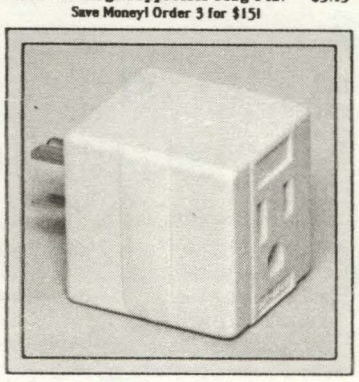
Save Even More When You Order 3/$15!

Electrical Surges from lightning strikes or appliances and other equipment turning on and off will damage sensitive electronic circuits. Computers, Televisions, Stereos, VCR's, etc... are constantly in danger of damage from electrical surges. A simple plug-type surge suppressor is inexpensive, yet protects you against most types of surges.

We sold hundreds of these at $14.95. Even more when we found a lower priced source and dropped our price. Just $5.95 buys one of these plug type suppressors which will protect anything you plug into it... including a multiple outlet strip. Better yet, you can get 3 suppressors for $15! At these prices, you can't afford not to have one of these on every electronic device in your house!

Don't wait to find out about electrical surge damage the hard way. Protect yourself with these low cost plug type surge suppressors. Order extras for your friends!

339-400 Surge Suppressor Plug 1 lb. $5.95
Save Money! Order 3 for $15!



Get That Orphan Out Of The Closet

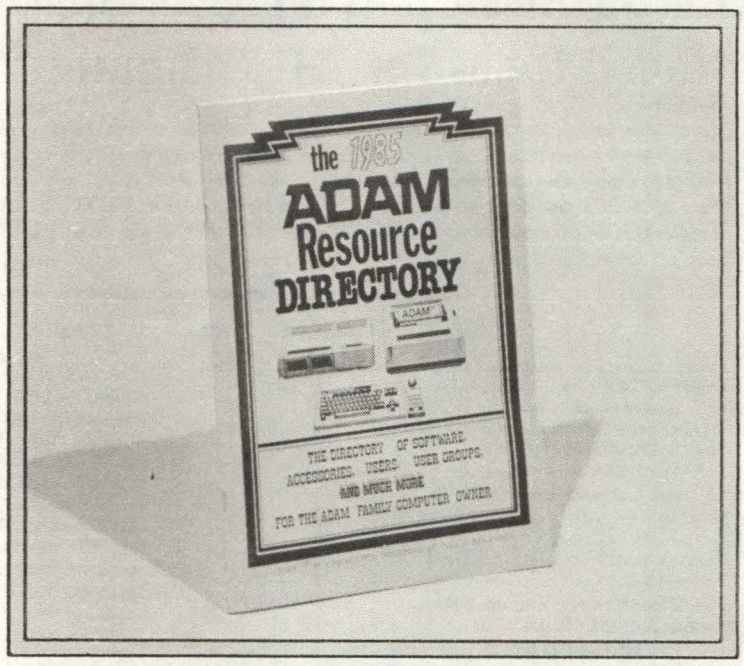
Where To Find Everything For Adam

Complete Listing of Hardware, Software, Accessories, and Suppliers

Everything There Is
And Where to Find It...
For Adam Computer Owners
by Eben Brown

Never underestimate the power of an orphan! Our catalog is testimony to the power of orphaned Timex computers and this book will amaze you with the power of orphaned Adam computers. *The Adam Resource* gives complete listings of software, hardware, publications, user groups, repair services, programming languages...they even have CP/M for the Adam. You'll learn inside tips on programming and hardware modifications. There's even a section that shows you how to build your own Adam computer. Has your Adam been sitting on a shelf gathering dust? You'll be glad to know there are plenty of mail order and retail sources for hardware and software to get that machine doing something useful. Find their names and addresses in *The Adam Resource*! Order a copy today!

261-310 The Adam Resource 1 lb. $14.95



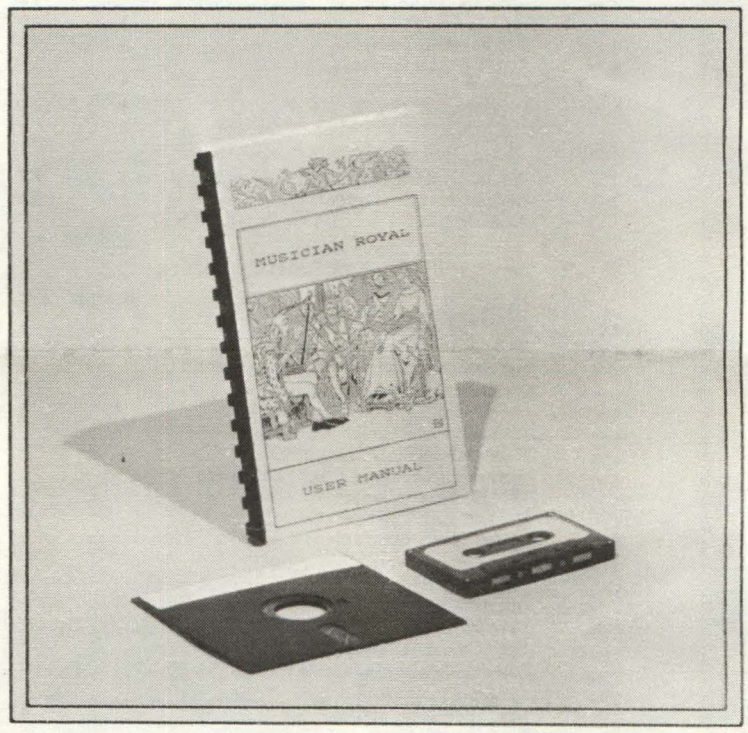
Great Music From the IBM PC and TS2068

Transcribe Music With a Computer

Entering Notes Is Simple As Typing Letters... Even For Non-Musicians

by Eben Brown

Those music nuts at Electret have done it again. Their "Music Book" was such a big success, they went ahead and devised this delightful Musician Royal program. Now anyone can transcribe music into their TS2068 or IBM PC. Play the music back by itself or with your other programs! Entering notes is as simple as typing letters. The Musician Royal instruction manual takes you through the process in plain English... even non-musicians will find it easy.



Advanced musicians will appreciate the power of Musician Royal. It can handle up 1500 notes per composition covering fully 9 octaves. Tempo can be from MM24 to MM2400 with up to 9 tempo changes in a composition. Key signatures are automatic from 7 sharps to 7 flats. Screen display options include 6 treble clefs. Editing options read like a word processor... insert, delete, etc.

Also included with Muscian Royal is a Music Box program. This program will accept up to 8 compositions and play them back for you in any sequence, tone, or tempo.

Musician Royal comes with an excellent 74 page manual which should make things clear for novices as well as experts. The TS2068 version is on cassette and the IBM PC version is on diskette. Order your's today!

402-510 2068 Musician Royal 1 lb. $19.95
402-512 IBM PC Musician Royal 1 lb. $19.95

Why Pay More?

Disk Bargains

3.5" & 5.25" Disks

by Eben Brown

Why pay more when you can get top quality diskettes from E. Arthur Brown Company for less than 50¢ each? Our disks are all first runs... no factory seconds or blems. Each comes with it's own sleeve, write-protect tab, and reinforced hub ring. Your satisfaction is guaranteed for as long as you own the disk. If it fails, send it back and we'll refund your purchase price or replace the disk.

We're constantly shopping the brand name and generic 3.5 inch diskette manufacturers to bring you the best quality at affordable prices. Our new single and double sided 3.5" disks are so good, we guarantee your satisfaction for as long as you own them! If one of our disks fails, you can send it back for a refund or replacement!

You can't go wrong with diskettes from E. Arthur Brown Company. Our 5.25" diskettes come in packs of 10. Order your's today!

366-200 EAB 5.25" SSDD Disks (10) 1 lb. $4.99
366-201 EAB 5.25" DSDD Disks (10) 1 lb. $4.99

366-220 EAB 3.5" SSDD Disks (10) 1 lb. $14.99
366-221 EAB 3.5" DSDD Disks (10) 1 lb. $18.99

Special Purchase Opportunity

Allsop Disk Banks-$9.95

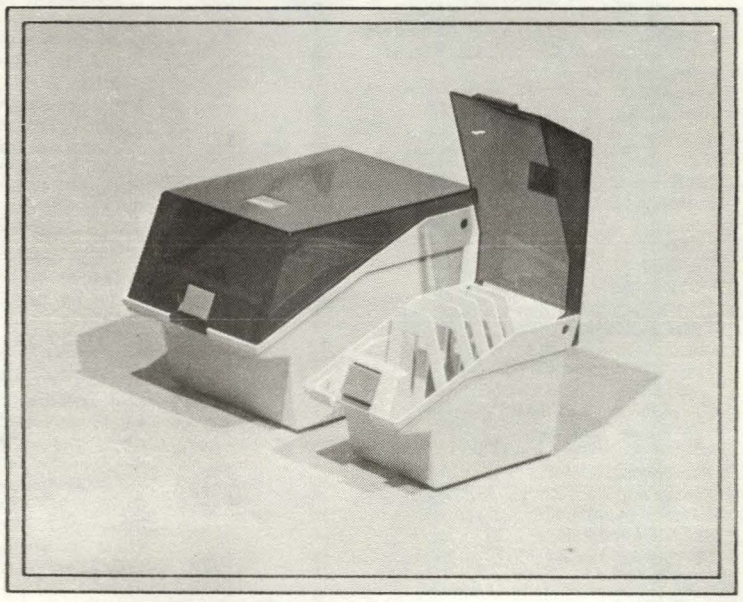
Regularly $15, Our Price... 30% Less!

by Eben Brown

Where are you going to put all of those 3.5 and 5.25 inch disks you bought at great EAB prices? Get them organized and neatly stored in great EAB-priced Allsop Disk Banks! These sturdy, stackable disk files look good on your desk and keep your diskettes safe, clean, and orderly. They sell regularly for $14.99, but we found a better deal through volume buying! Order from EAB and pay only $9.95 each!

The 5.25" Disk Bank holds 60 diskettes and the 3.5" model holds 30. You won't find better disk storage at any price. Order your Allsop Disk Bank(s) today and get organized!

303-220 Allsop 3.5 Disk Bank 1 lb. $9.95
303-200 Allsop 5.25 Disk Bank 1 lb. $9.95
(SAVE! Order 3/$25!)



Printers
And Printing Accessories

Why Pay More?
Bargain Priced Ribbons

Our film (multistrike) and nylon printer ribbons match the quality of brand name ribbons at near half the price! We keep our costs low through volume buying and no-frill packaging. This way, we can offer you an excellent value for a low price.

Find the ribbon that matches your printer in the table below and place your order today!

Number	Fits This Printer	Price
07-1010	Coleco Adam Printer	12.95(nylon)
07-1505	Imagewriter/C.Itoh 8510 Prowriter I & II	6.95(nylon)
07-2250	Epson MX/FX/RX-70/80	4.95(nylon)
07-2885	IBM Proprinter	6.95(nylon)
07-4505	Okidata Microline 80/82 83/92/93, Gemini 10/10X 15/15X, Star Micronics Delta +, Teletype SR33	2.49(nylon)
07-4525	Okidata Micrline 182/192/193	7.95(nylon)
07-4700	Panasonic KXP 1090 1091/1092	9.95(nylon)
07-4970	Gorilla Banana, Radio Shack LP VII, Commodore 1525 Seikosha GX/GP 100/250	6.95(nylon)
07-5545	Mannesman Tally Spirit 80 Legend 808/880/1080/1380 Shinwa CM100/VP160 Commodore 1526	6.95(Film)

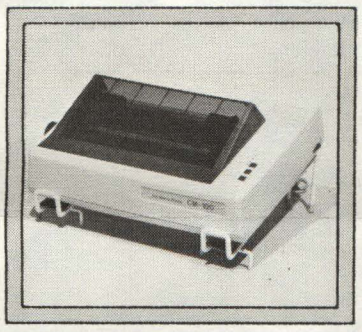
Special Purchase Opportunity
CM100/Legend-$159.95

by Eben Brown

It's no secret. Square dots line up better giving you clearer characters. And, film ribbons pretty much eliminate the smudging that can occur with cloth ribbons. Our CM-100 offers both of these features in an fast 80 character/sec graphics printer.

These CM-100s were manufactured by Shinwa for private labeling by other computer companies. Their print mechanism and control codes are essentially identical to the Legend 880 and Mannesman Tally Spirit 80. We sold both of those printers in the $300 price range.

These CM-100s are brand new and carry a 6 month warranty. Service is done by Shinwa and their service agencies. We have only a few of them left and are closing them out at the unbelievable price of only $159.95! This has to be about the best deal going on a top quality printer. So, order today!



295-335 CM-100 Printer 19 lb. $159.95
295-401 CM-100 Ribbon 1 lb. $6.95
(Use Same Ribbon on Legend, MT80, and VP160)

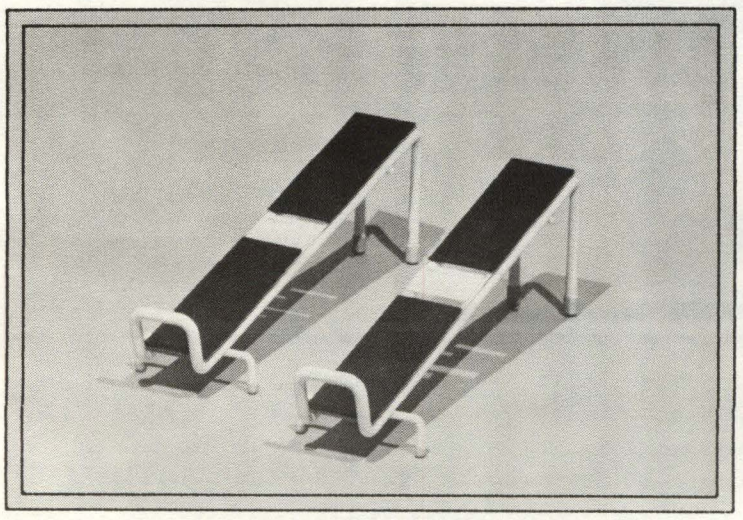
This mode printing together subscriptor

Special Purchase Opportunity
"Kensington Steele" Printer Stand-$19.95
$50 Industrial Quality Printer Stand

by Eben Brown

Sometimes I just get lucky! I was eating dinner one night and a friend called to say he had this great deal on Kensington printer stands. These babies are formed of solid $^{5}/_{16}$" steel rod and finished with scratch-resistant rubber feet and foam backed plastic beds. They originally sold for $50, I think. Some of them have a "discount" price of $30 marked on them. At any rate, they're brand new and built to give you strong quiet service... probably for the rest of your life. Mount your printer, monitor, or portable computer on a "Kensington Steele" stand and you'll be the envy of your computing friends! Supplies are limited, so please order early.

303-402 Kensington Stand 3 lb. $19.95



Special Purchase Opportunity
Diablo* Daisy Blowout...$199.95
Incl. Cable for Centronics, RS232, IBM, Commodore, or Atari Computer

by Eben Brown

Has a $500-$1,000 price tag kept you from buying the Daisy Wheel Printer of your dreams? Well, *dream no more!* We made a "special purchase" and now you can have a genuine Diablo 630 compatible Daisy Wheel Printer for less than $200 bucks! Check out these facts and figures:

***Diablo/Qume Compatibility**

Our Alphacom 101 responds to Diablo 630 codes and commands. It uses *standard* Qume or Diablo daisy wheels. You can buy extra daisy wheels in different type styles and pitches everywhere. The ribbon is also an easy-to-change *standard* Diablo "Hytype II"...available everywhere and very low priced. So, you can be sure of getting compatibility, ribbons, and print wheels for your Alphacom 101!

Cables Included!

Order your Alphacom Daisy Wheel Printer completely set up for RS232 (male DB25 connector), Centronics Parallel (male 36 Pin connector), IBM PC/parallel (male DB25 connector), Commodore 64/128, or Atari 400/800... including the cable. BE SURE TO SPECIFY RS232, CENTRONICS, IBM, COMMODORE, OR ATARI WHEN ORDERING. Atari ST owners should order the IBM PC/parallel version. Timex owners should order the Centronics version and will need an AERCO CPI and our F-F Centronic gender changer.

Specifications

Your Alphacom 101 Daisy Wheel Printer will come with a standard 10 pt. Currier print wheel and one ribbon. It'll print at 20 cps (You can't type that fast) and will accept friction fed fan fold or single sheet paper up to 13" wide. It's pitch is selectable for 10, 12, and 15... which you can set from the control panel. Full type options include double strike, emphasized, underlined, and software selectable proportional spacing... and of course you can easily change type styles by popping in a different daisy wheel. Controls include: Power ON, Reset, Pause, Paper Feed, Self Test, Out of Ribbon Indicator, and Pitch Adjustment. Print impact is sufficient for an original plus 3 copies. The whole thing weighs 18 lbs. and measures a little under 19 X 6 X 12 inches.

789:;<=>?@ABC [®]© °abc §¶†™ !"#$%&

The Pitch

You got it right: A $500 Qume/Diablo compatible Daisy Wheel Printer for only $199.95. A complete warranty and service program. And, a 10 Day Free Trial. I don't have to tell you that deals like these don't come along everyday. Order today and you'll have a great printer and a great *deal* to brag about!

295-300 Alphacom Daisy Whl Printer 18 lb
List Price $500 **Our Price $199.95**

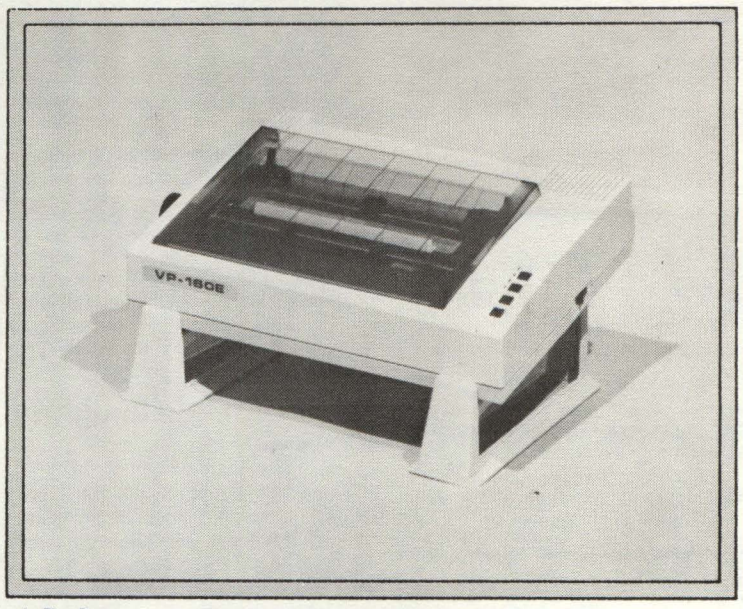
NOTE: SPECIFY RS232, CENTRONICS, IBM, COMMODORE, OR ATARI CABLE.

Daisy Wheel Printer Accessories

295-301 Diablo HyType II Ribbon	$3.95
500-402 F-F Cent. Gender Changer	$9.95
500-401 TS1000 AERCO CPI 1 lb.	$99.95
500-400 TS2068 AERCO CPI 1 lb.	$69.95

**Please Read "10 Day Trial Conditions" in the ordering information section, page 2.

PC-PictaScan™ Compatible, Too!
VP-160 Graphics/NLQ Printer
Fast, 160 cps, Sqr. Dot Clarity... And a Freebie Printer Stand



by Eben Brown

Our new VP-160 printer offers features found on printers costing $100s more! At 160 cps fast... you'll be amazed how quickly your documents are printed! It prints in true Near-Letter-Quality (NLQ) for documents that look "typewriter sharp." It features our famous square dot technology: Square dot edges line up better than round ones... giving a neater impression. Our VP-160 even uses smudgeless film ribbons instead of cloth.

Altogether, the VP-160 offers quite an assortment of printing options. Three fonts include Elite, Pica, and NLQ. Type enhancements include Enlarged, Condensed, Super/subscript, double strike, emphasized, and italic modes. A standard 8K buffer allows you to download additional character sets into the VP-160. The buffer also helps you get back to work quickly even as the printer is still finishing printing. Dot resolutions are adjustable to 480. 960, or 1920 dots per line. You can go from 40 characters per line (cpl) in Enlarged mode to 160 cpl in condensed Elite mode. An extra handy feature is having the NLQ mode accessible through the VP-160 control panel. Just switch it on when you want to use it!

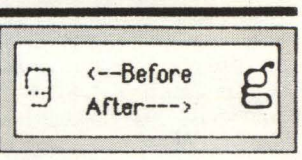
The VP-160 is compatible with our PC-PictaScan™ scanner, too. The PictaScan™ samples used in this catalog were both scanned and printed with the VP-160!

The VP-160 is a terrific printer for it's price. If you need a printer for heavy business use or even light personal use, the VP-160 will handle your printing with style! Order your's today and we'll throw in a free printer stand!

295-356 VP-160 Printer 17 lb. $299.95

This is Near Letter Quality (NLQ) on the VP-160
This Is Enlarged NLQ
This is the normal Pica font This is the Elite font
This is Emphasized *This is Italic* This is condensed printing

New Life For Old Printers
Epson Printer Upgrade Kit
Gives NLQ and More To FN, JX, RX, and MX Series Printers



You can have all of the neat features of the new NLQ (Near Letter Quality) printers without buying a new printer! Our new Epson Upgrade Kit adds NLQ and more to your FX80, FX100, JX, RX, or MX printer. You'll have an NLQ mode that'll rival the sharpness of daisy wheel type. And, you'll be able to switch fonts at the touch of a button...over 160 styles in all! FX, JX, and MX models will even print the IBM character set.

Our Epson Upgrade Kit consists of a new ROM chip, complete instructions for installing it and, operating tips for using your printer after the installation. It's a great way to improve your printouts at and affordable price! Be sure to specify FX80, FX100, JX, RX, or MX when ordering. Order today!

114-300 Epson Upgrade Kit 1 lb. $69.95

Printers

And Printing Accessories

The Solution You're Looking For...

Printer Extension Cord/Cable...$16.95

Our new Centronics printer extension cables are designed to connect to the end of your existing cable and add 10 feet of length. Connectors are female on one end and male on the other... standard 36 pin centronics. Now you don't have to have your printer cluttering up your desk next to your computer. Order our Printer Extension Cable and put that printer in a far away place!

260-300 Printer Ext. Cable 3 lb. $16.95

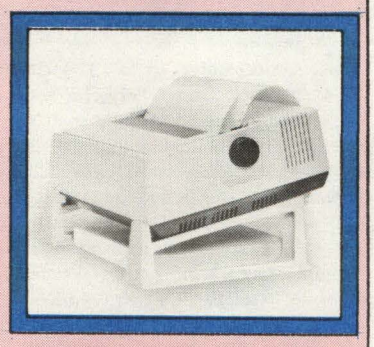
Now At An Even Lower Price

Universal Printer Monitor Stand... $14.95

Anyone who's had a computer printer for very long knows how convenient a stand is. It keeps your paper from getting tied in knots! Our Universal printer stands are two piece... you can mount regular or wide carriage printers on them. Their molded construction is attractive and quiet... with rubber lined beds to protect your printer.

Mount your printer, monitor, or portable computer on one of these stands! They're a great buy at only $14.95!

303-401 Printer/Monitor Stand 1 lb. $14.95



Get Your Printer Hooked Up Right!

Interfaces/Cables for *Four* Computer

by Eben Brown

Connecting your computer to a printer isn't complicated. You just have to be sure they're both speaking the same lingo. The simplest and most common printer interface is Centronics Parallel. If you own an Atari ST or IBM PC compatible, your computer is already speaking Centronics... all you need is a cable connector and you're in business. If you own a Timex-Sinclair or Commodore 64 computer, your computer is speaking it's own language. You need an interface to translate that language to Centronics Parallel. We've selected our cables and interfaces to be the finest, most compatible, and simplest to use in the industry. They'll work with any printer that's labeled "Standard Centronics Parallel".

400-409 ST/PC Cent. Printer Cbl. 1 lb. $16.95
500-401 TS1000 AERCO CPI 1 lb. $99.95
500-400 TS2068 AERCO CPI 1 lb. $69.95
500-402 C64 G-Whiz CPI 1 lb. $89.95

3.5" Disk Sale...$1.50 ea.

by Eben Brown

We're constantly shopping the brand name and generic 3.5 inch diskette manufacturers to bring you the best quality at affordable prices. Our new single and double sided 3.5" disks are so good, we guarantee your satisfaction for as long as you own them! If one of our disks fails, you can send it back for a refund or replacement!

You can't go wrong with diskettes from E. Arthur Brown Company. Our 3.5" disks come in packs of 10. Order your's today!

366-220 EAB 3.5" SSDD Disks (10) 1 lb. $14.99
366-221 EAB 3.5" DSDD Disks (10) 1 lb. $18.99

MikroWafers

For 2068 Mikro- and Quik Data Drives

These high speed MikroWafers come in 5 tape lengths with capacities of approximately 1.4K per foot. They're specially designed for our 2068 Mikrodrive, C64/Vic Quick Data Drive, and Rotronics Wafadrive. They are not for cassette recorders! Special features include an improved switchable write-protect/unprotect and sliding dust cover door. MikroWafers are sold individually. Order our optional wafer organizer (holds 16 wafers) to store your MikroWafers.

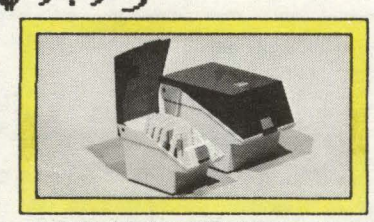
*427-302 10 ft. MikroWafer 1 lb. $3.50
*427-303 20 ft. Mikrowafer 1 lb. $3.50
*427-304 35 ft. MikroWafer 1 lb. $3.95
*427-305 50 ft. MikroWafer 1 lb. $4.50
*427-306 62 ft. MikroWafer 1 lb. $4.50
*427-317 Wafer Organizer 1 lb. $4.95

Disk Banks-$9.95

by Eben Brown

Where are you going to put all of those 3.5 and 5.25 inch disks you bought at great EAB prices? Get them organized and neatly stored in great EAB-priced Allsop Disk Banks! These sturdy, stackable disk files look good on your desk and keep your diskettes safe, clean, and orderly. They sell regularly for $14.99, but we found a better deal through volume buying! Order from EAB and pay only $9.95 each!

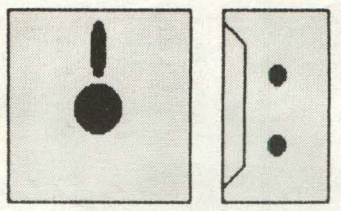
The 5.25" Disk Bank holds 60 diskettes and the 3.5" model holds 30. You won't find better disk storage at any price. Order your Allsop Disk Bank(s) today and get organized!



303-220 Allsop 3.5 Disk Bank 1 lb. $9.95
303-200 Allsop 5.25 Disk Bank 1 lb. $9.95
(SAVE! Order 3/$25!)

Storage

Drives, Disks, Cassettes, Wafers, etc...



5.25" Diskette Sale...49.9¢ ea.

Lifetime Warranty! 100% Certified! Includes Sleeves, Write Protect Tabs, and Reinforced Hub Rings.

by Eben Brown

Why pay more when you can get top quality diskettes from E. Arthur Brown Company for less than 50¢ each? Our disks are all first runs... no factory seconds or blems. Each comes with it's own sleeve, write-protect tab, and reinforced hub ring. Your satisfaction is guaranteed for as long as you own the disk. If it fails, send it back and we'll refund your purchase price or replace the disk.

You can't go wrong with diskettes from E. Arthur Brown Company. Our 5.25" diskettes come in packs of 10. Order your's today!

366-200 EAB 5.25" SSDD Disks (10) 1 lb. $4.99
366-201 EAB 5.25" DSDD Disks (10) 1 lb. $4.99

Physical Characteristics:	
Diskette Diameters	5.125" OD, 1.125" ID
Coating	Proprietary Oxide
Substrate	
Material	Polyethylene Terepthalate
Thickness	.003 Inch
Thermal Expansion	<13.8 X 10^{-6} in/in/°F
Coating Thickness	100 µin. each side (burnished)
Hygroscopic Expansion	<15 X 10^{-6} in/in/RH%
Magnetics:	
Coercivity	320 oersteds nominal
Resistivity	5 X 109 Ω/sq
Clipping Level	75%-guaranteed 50%
Functionality:	
Packing Density	up to 7958 BPR
Track Density	48TPI
Torque	
Starting	1.0 oz. force in max
Running	≤3.5 oz. force max, 1.0 in min.
Media Life:	Weibull B10 at 4 X 10^{6} Rev. Weibull B50 at 10^{7} Rev.
Certification:	All tested and certified 100% error-free and meet or exceed ANSI standards

Neat, Fun Add-On for Commodore Computers!

C64/VIC Quick Data Drive...$49.95

A Liquidation/Overstock Makes These Drives An Exceptional Good Buy!

How'd you like to get second drive for your Commodore 64 at a ridiculous price? These "Quick Data" drives were manufactured to be fast and economical, but the company folded before they really got going. As you might guess, we bought them at liquidation prices. Using the same MikroWafers as our 2068 Mikrodrive, they operate 15 times faster than the Commodore C2N cassette and are as fast or faster than the 1541 disk drive. Quick Data drives plug into the cassette port and additional drives or cassette player can daisy chain. The Quick Operating System (QOS) is completely compatible with Commodore BASIC, using the same commands as the Commodore C2N cassette recorder. So, if your programs are compatible with the Commodore cassette system, they should work fine with the Quick Data Drive. The table shows an actual summary of QOS commands. QOS uses a similar directory to the 1541 disk drive, and has a built in file management system. All operations are executed through your C64/VIC keyboard or through embedded program commands.

"Quick Data" drives are ready to plug in and go. They include an operating system MikroWafer and one blank wafer. Load the OS MikroWafer, and you're ready to go. Order additional MikroWafers separately. We also have the operating system on cartridge for a few bucks more.

Here's a real bargain on a second drive for your Commodore 64. Order your's today!

427-400 C64 Quick Data Drive 2 lb. $49.95
427-410 QDD-QOS Cartridge 1 lb. $19.95

COMMAND SUMMARY

CLOSE filenum	close a file which was opened for reading or writing.
GET# filenum, varlist	read a file a character at a time
INPUT# filenum, varlist	read data, strings, or numbers from a file
LOAD ["filename"] [,1] LOAD ["filename"][,1], 1	read in a BASIC program read in a machine program
OPEN filenum,1,0,"filename" OPEN filenum,1,1/2,"filename"	open a file for input open a file for output
PRINT# filenum, varlist	write variables to a file
SAVE "filename" [,1]	save program to the microwafer
ST	Variable, ST, indicates status of the previous command.
VERIFY ["filename"][,1]	Compares the memory contents with what's on the wafer.

For Fast Data/Program Transfer

High Speed TS2068 MikroDrive

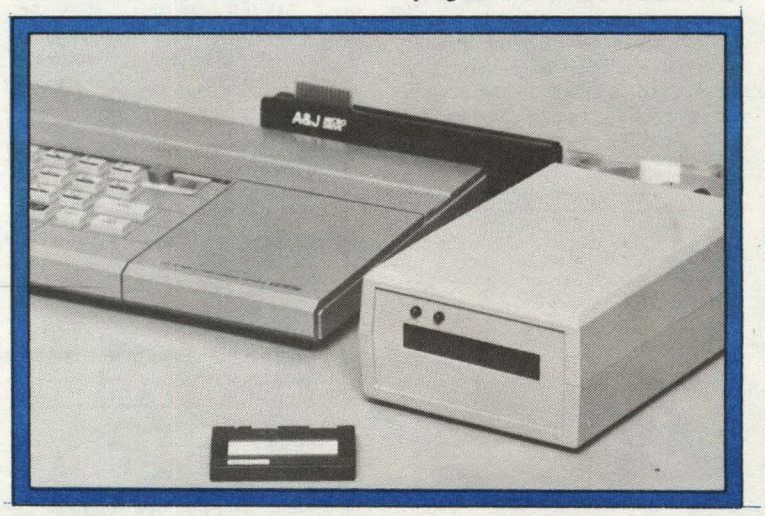
Gives Speed Enough to Perform Serious Work On Your Timex 2068

by Eben Brown

Our TS2068 Mikrodrive gives your TS2068 the power to do real work without tedious cassette problems. Maybe that's why we've sold so many of them over the past two years! Take a look at what it has to offer:

Software Compatibility

Real work involves serious software like MSCRIPT and Tasword II word processing, OmniCalc II spreadsheet, and 2068 Profile database. The 2068 Mikrodrive is compatible with all of them and more. It uses the same commands as your cassette data storage. The only difference is in the name you put between the quotes. *If you can transfer a program from one cassette to another, you can transfer it to Mikrodrive.*



Hardware Compatibility

The TS2068 Mikrodrive has a card edge connector on the back of it's interface. You can connect your 2040 printer, 2050 modem, or even a Centronics printer interface. It has it's own internal Centronics printer interface which you can connect with an optional printer cable. You can leave your cassette recorder attached to your printer for convenient transfers.

Simplicity/Affordability

At $150, the 2068 Mikrodrive gives your 2068 remarkable power. It comes complete with a nice looking case, cable, interface, and 5 MikroWafers to store your programs and data on. All you do is plug it in, turn on your computer, and start using it!

The TS2068 Mikrodrive is compatible, reliable, fast, and affordable. Haven't you done without one long enough? Order your's today...and be sure to order extra MikroWafers!

427-300 TS2068 Mikrodrive 5 lb. $149.95
427-600 Mikrodrive Printr Cable 1 lb. $24.95

DataSoft Games Disks...50¢ in Tens

Play 'em or re-format 'em. Disks have assorted games for Commodore/Apple II. Give as Gifts! Specify Commodore or Apple (if it makes a difference) Order #427-200 Datasoft Disks (10) $5.00